

# HORTICULTURAL BUILDINGS

AND THEIR FITTINGS



BY  
CROMPTON & FAWKES  
(HELMSFORD)

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Horticultural Buildings  
And their Fittings.



## ❧ PREFACE. ❧

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THIS Catalogue contains photographs, sections, and details of a representative selection from the large number of Horticultural Buildings designed, erected, and heated by us.

Our large and varied experience, extending over many years, enables us to construct houses, or combinations of houses, which are specially adapted for growing plants, flowers, and fruit in the most efficient manner at the minimum expense.

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ANCHOR WORKS,

CHELMSFORD, 1899.



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## A few Testimonies of Conservatories, Greenhouses, &c.

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"All very satisfactory, and looks well."—SIR DAVID SALOMONS, Bart., *Broomhill, Tunbridge Wells.*

"Enclosed I send cheque in payment of balance for range of Glasshouses you have lately put up for me (consisting of Conservatory, Porch, Vineries, Peach House, Cucumber House, and Plant House, in all 155 feet long, with heating apparatus and water supply complete). With regard to the houses, they seem to me in every way satisfactory, substantially built, and arranged well, and I look forward with pleasure to enjoy and see the plants and fruit grown therein, under the care of an intelligent and painstaking gardener. I must also speak in praise of the workmen you sent to put up the houses."—JOHN NEWTON, *Woodside, near Horley, Surrey.*

"I must not omit to say that all the work connected with the Conservatory has been very well done, and that your workpeople have been most obliging and attentive in carrying out your orders."—SIR HENRY WHITE, *Stonchill, Upper Sheen, S.W.*

"Everything connected with the finish and working of the three ranges of Glasshouses you put up here is highly satisfactory."—W. BOWMAN, *Estate Office, Hylands, Chelmsford.*

"I bought a Greenhouse of you some ten years back, which has answered very well, and now I want a Melon and Cucumber Pit."—O. T. SMITH, *Woolton Bridge, Canterbury.*

"LADY ALICE EWING will have the Ground Vineries similar to the twelve pairs supplied to Lord Penrhyn some time ago."—*Coed Durwen, Bettws-y-Coed, North Wales.*

"The Iron Greenhouses you put up for me here have never had an ounce of fresh putty put in them since they were erected several years ago, nor has a single square of glass been broken from expansion or contraction (if any) of the bars."—ROBERT KEARSLEY, *Highfield, Ripon.*

"MR. LEVESON-GOWER is very pleased with the new house, and so also am I. Have recommended your work to two or three people who have been here. The house does you credit."—E. BAYMAN, *Gardener to the Hon. F. L. Leveson-Gower, Holmbury, Dorking.*

"MRS. HALL encloses cheque for account, and must add that she has never had any work executed for her that has given her greater satisfaction."—*Whitehall, Wraysbury.*

"Everybody admires your Conservatory very much."—H. W. TAYLOR, *Hadley Bourne, Barnet.*

"The MISSES GOODLAD beg to say how much they are pleased with the new Conservatory."—*Hill Place, Bishops Waltham.*

"The Greenhouse is pronounced a great success."—C. J. HEGAN, *Bucknalls, Watford.*

"I am glad to say the Greenhouse gives great satisfaction."—L. BEESON, *Gardener to Miss Jones, Marsham Lodge, Gerrard's Cross.*

"I beg to say that I am very pleased with the Conservatory, and with the manner in which your men have executed the work."—J. ELLIMAN, *Lancaster House, Slough.*

"I beg to enclose cheque for Greenhouse, which gives me entire satisfaction."—G. E. G. ANDREWS, *Rimpton House, Sherborne.*

"I have the pleasure to enclose cheque, and am very pleased with the work (Lean-to, 45 by 14, with heating apparatus complete)."—E. LAFLEUR, *Orpheus Villa, Muswell Hill, N.*

"The Plant House is finished, and I like it very much. The Conservatory also looks well."—G. W. SHARE, *Hackbridge, Carshalton.*

"I am very pleased with the Greenhouses (two Span Houses, each 40 ft. by 12 ft.). The woodwork was accurately cut; one or two of our ordinary workmen had no difficulty in putting them together in a satisfactory manner."—W. D. COCHRANE, *Superintendent of Hampstead Cemetery.*

"I am very pleased with the structure and workmanship of the Conservatory."—S. J. FELLOWES, *Graisley, Wolverhampton.*

"I am much pleased with the Greenhouse you sent me last year, which is now looking very well, and is much admired, filled as it is with plants, hanging baskets, and festooned creepers. I feel it due to you to say that I consider the cost of it, as supplied by you, very reasonable."—W. W. PHILLIPS, *The Grange, Raglan.*

"Everything is most satisfactory as regards the house and heating apparatus you have erected."—H. WARD, *Gardener to Lieut.-Col. Campbell, Charing, Kent.*

"I called yesterday and saw the Greenhouse you erected at my new house, and like it very much."—FRAS. STUNT, *5, Rye Hill Park, Peckham Rye, S.E.*

"I am very pleased with the No. 319 Ornamental Span-roof Conservatory."—MRS. ROBINSON, *5, Western Elms Avenue, Reading.*

"The house you put up for me looks well. This is the first time I have seen it, and very nice it looks full of strawberry plants in blossom."—CHAS. GRAHAM, *Westfield House, Marden.*

"I am greatly pleased with the Greenhouse. There is no fault to be found whatever, and the low price of same leaves nothing to be desired."—H. SHEPHERD, *The Villas, London Road, Crawley.*



- "I have had the Greenhouse put up, and am pleased with it."—REV. JOSEPH HILL, *Wimblington Rectory, March, Cambs.*
- "The workmen leave to-day, everything being now finished and looking very nice."—ARTHUR ROBINSON, *Grangeside, Wimbledon.*
- "I have carefully gone through your Greenhouses just erected for me at Limsfield, and am much pleased. The work is very light and yet substantial, and the Heating Apparatus works well, giving plenty of heat on slow combustion."—JAMES EASTWICK, 11, *New Square, Lincoln's Inn.*
- "MRS. POWER encloses cheque for Greenhouse, which is most satisfactory and nice."—*Plas Cerrig, Carwys, near Holywell.*
- "I am pleased to inform you the Greenhouse and Slow Combustion Heating Apparatus supplied by you is a complete success."—JAMES BOWN, *Gardener to Mr. Duché, 123, Gipsy Road, West Norwood.*
- "We have pleasure in enclosing cheque, and in stating that the Greenhouse (just finished) gives great satisfaction."—STROUD & SONS, *Wantage.*
- "MR. R. M. WILSON encloses cheque. The Greenhouse arrived safely, and all in a most satisfactory manner."—*Coolcarrigan, Kilcock, Ireland.*
- "The Greenhouse you sent me has been put up, and gives me much satisfaction."—CHAS. T. HOOPER, *Harewell, Faversham.*
- "I enclose my cheque, and am quite satisfied with the Greenhouse."—W. M. POOLEY, *Northumberland Lodge, Cheltenham.*
- "I am much pleased with the Greenhouse you put up in the garden here. The work has been completed entirely to my satisfaction."—REV. ERNEST E. EDGERLEY, *Littlebury Vicarage, Saffron Walden.*
- "Just a line or two to say that the three-quarter Span Greenhouse you made me I received all right. I am very pleased with it. It is much better than I thought it would be. I must say it is very well made indeed, in fact I consider it first class. The house is admired by all that see it."—W. COTTON, *Field View, Niton, Isle of Wight.*
- "Enclosed is cheque. I am quite satisfied with the Greenhouse."—W. M. TABRUM, *Colchester.*
- "I am very well satisfied with the Greenhouse, and the work appears to have been well done."—G. H. HALLAM, *The Park, Harrow-on-the-Hill.*
- "The Greenhouse now completed seems to be very perfect, and gives much satisfaction."—ORBY SHIPLEY, *Lyme Regis.*
- "I am very much pleased with the Greenhouse, and enclose cheque for amount due."—MISS A. SALTER, *Bovingdon Lodge, Hemel Hempstead.*
- "The Greenhouse gives satisfaction."—MRS. MANN, *Wainford House, Ditchingham, Bungay.*
- "The Greenhouse gives great satisfaction both to my employer and myself. I shall be pleased to recommend you again."—W. WICKENS, *Gardener to Mrs. Dawson Rowley, Chichester House, Kemp Town, Brighton.*
- "Enclosed please find cheque in payment of Greenhouse, with which I am very pleased."—A. MATTHEWS, *Holland House, Southend.*
- "The house is pronounced a great success."—C. J. HEGAN, *Bucknalls, Watford.*
- "I think all the work will be quite satisfactory, and my client, Mr. Philpot, is pleased with the general appearance and effect of the Conservatory."—G. VIALLS, *Architect, 26, Bedford Row, London, W.C.*
- "I should like to take this opportunity of expressing my satisfaction at the way the work has been done."—MCWBRAY BULLER, *Strawberry Hill Road, Twickenham.*
- "I enclose my cheque for Vinery, which looks very well."—HEIGHWAY JONES, *Earlsdale, Pontesford, Salop.*
- "The Greenhouse is constructed of good timber, and is well put together."—F. SHEPHERD, *Warminster.*
- "I have pleasure in enclosing cheque. The Greenhouse is quite satisfactory."—W. ADAMS MURPHY, *Church Street, Camberwell.*
- "I am pleased to express my satisfaction with the Greenhouse, and the manner in which the work has been done."—W. H. MITCHELL, *Architect, Southampton.*
- "The Greenhouse arrived here in excellent order, and now that it is finished I should like to let you know of our complete satisfaction."—W. SMITH-AINSLEY, *Brockhurst Grange Road, Guernsey.*
- "MR. F. RAVENSCROFT is very well satisfied with the range of Glasshouses you put up for him through me, and he will, I have no doubt, recommend you to his friends."—J. S. LAYCOCK, *Builder, St. John's Wood.*
- "The Conservatory is quite a success."—A. W. TANNER, 29, *Palham Place, London, W.*
- "I enclose cheque for the span roof Greenhouse and Heating Apparatus erected by you, and I am perfectly satisfied with them."—J. HERBERT GODWIN, *Lindisfarne, Swindon.*
- "The Peach House is now finished and really looks very well. I am exceedingly pleased with it."—R. MCCABE, *Gardener to R. M. Wilson, Esq., Coolcarrigan, Kilcock, Co. Kildare.*
- "Your men who have been here erecting a Greenhouse for me seem to have done their work carefully, expeditiously, and well, and I am fully satisfied with it."—ROBERT T. GILL, 60, *The Drive, Hove, Brighton.*
- "Herewith enclosed is cheque for the sum due on the Greenhouses, which are in every way most satisfactory."—MRS. WISE, *Coombe, Lustleigh, Newton Abbot.*
- "MISS BARING begs to say the Conservatory is most satisfactory."—*Elm Dean, Surbiton.*
- "The workmen left this morning and report the work finished. The houses look very nice, and I am quite satisfied with the transaction."—J. CUTLER, 82, *Tulse Hill, London.*
- "MRS. DAREY GRIFFITHS presents her compliments to Messrs. Crompton & Fawkes, and is much pleased with the house. It answers very well."—*Padworth House, Reading.*



"The REV. CAMPBELL LOCK is extremely well pleased with the Conservatory."—*Chalton Rectory, Horndean, Hants.*

"It now affords me much pleasure, having inspected the Pavilion in Finsbury Square with my colleagues on the Building Committee, to send you cheque in settlement. I trust the ornamental structure so cleverly designed by your Mr. Fawkes, will give as much satisfaction to the inhabitants of the square as it has to the Building Committee, including myself as treasurer."—JOHN WHITTINGTON, 35, *Finsbury Square, London.*

"I enclose cheque in settlement for Conservatory, which, I am glad to say, is very satisfactory indeed."—T. SWINNEY *Tenter Terrace, Morpeth.*

"I am very pleased with the Conservatory you fixed for me at Croydon."—H. McMORLAND, 63, *Fenchurch Street.*

"I am pleased with the Conservatory and Vinery. Your men are steady, respectable, and industrious. Each one, I believe, has done his work well."—W. F. STUTTAFORD, *Oaklands, Worcester Park, Surrey.*

"We had a terrible gale here yesterday, enough to try the strongest of buildings. Your large Conservatory ( ) stood well."—F. PERRY, *The Gardens, Spye Park, Chippenham.*

"It affords me pleasure to inform you that I am perfectly satisfied with the work done by your men, who have erected and heated the Conservatory here. The work appears to be excellent in every respect. Your Conservatory is much admired."—REV. MARSDEN GIBSON, *The Rectory, Chulmleigh, N. Devon.*

"Your frames arrived here, and give every satisfaction."—J. PULLIN, *The Gardens, Turney House, Bedford.*

"I like the Conservatory very much."—G. W. MITCHELL, 56, *Beulah Hill, Norwood, S.E.*

"The Conservatory is very satisfactory."—R. C. GRAVES, *Grange Park, Ealing, W.*

"LT.-COL. DAWSON is much pleased with the Conservatory, and with the conduct and steadiness of the men who were sent to fix it."—*Hartlington, Burnsall, Skipton in Craven.*

"MRS. BOUTFLOWER begs to enclose cheque for the Conservatory erected, and has much pleasure in saying that the work is very satisfactory."

"The Conservatory and Greenhouses erected for my client, F. P. T. Struben, Esq., Kya Lami, Torquay, have given him, his head gardener, and myself general satisfaction, and the Conservatory has been greatly admired by many visitors."—F. E. HAARER, Architect, *Paignton.*

"I am pleased to tell you that the Greenhouse is splendidly finished off; it is quite a credit to you, and gives me every satisfaction."—T. FRIER, *Gardener to Mrs. Luxmore, Bryn Asaph, St. Asaph.*

"On the inspection of the (supplementary) Greenhouse (40 by 12 span) by my Board at their last meeting, they expressed themselves highly pleased with the workmanship and general arrangements of the house."—W. A. COCHRANE, Clerk, *Hampstead Burial Board.*

"I have pleasure in stating that the Vinery, with all interior fittings and heating apparatus, erected here for the Dowager Lady Southampton, gives the greatest satisfaction to her ladyship and myself."—G. A. GIBLETT, *The Gardens, Park Place, Englefield Green.*

"I am very pleased indeed with all your work, and the way everything has been done. It all fits well."—W. ROWE, *The Gardens, Sandford Park, Steeple Aston, Oxon.*

"I am glad to say the houses are to my entire satisfaction."—ARTHUR R. DYER, *Winchester.*

"Your range of houses speaks volumes for itself. Everyone who has seen the houses praises them highly. Both my employer and myself are highly pleased with them."—F. CROOK, *Gardener to Arthur R. Dyer, Esq., Winchester.*

"I am pleased to say that I am satisfied with the range of houses that you have built here. Everything works well, both in the hot water and other parts of the houses."—W. AUSTIN, *Gardener to Sir Wm. Cameron Gull, Frilsham House, near Newbury.*

"The Conservatory is thoroughly well-built, and is a great improvement to the house."—THOS. DENNISON, *High Street, East Ham.*

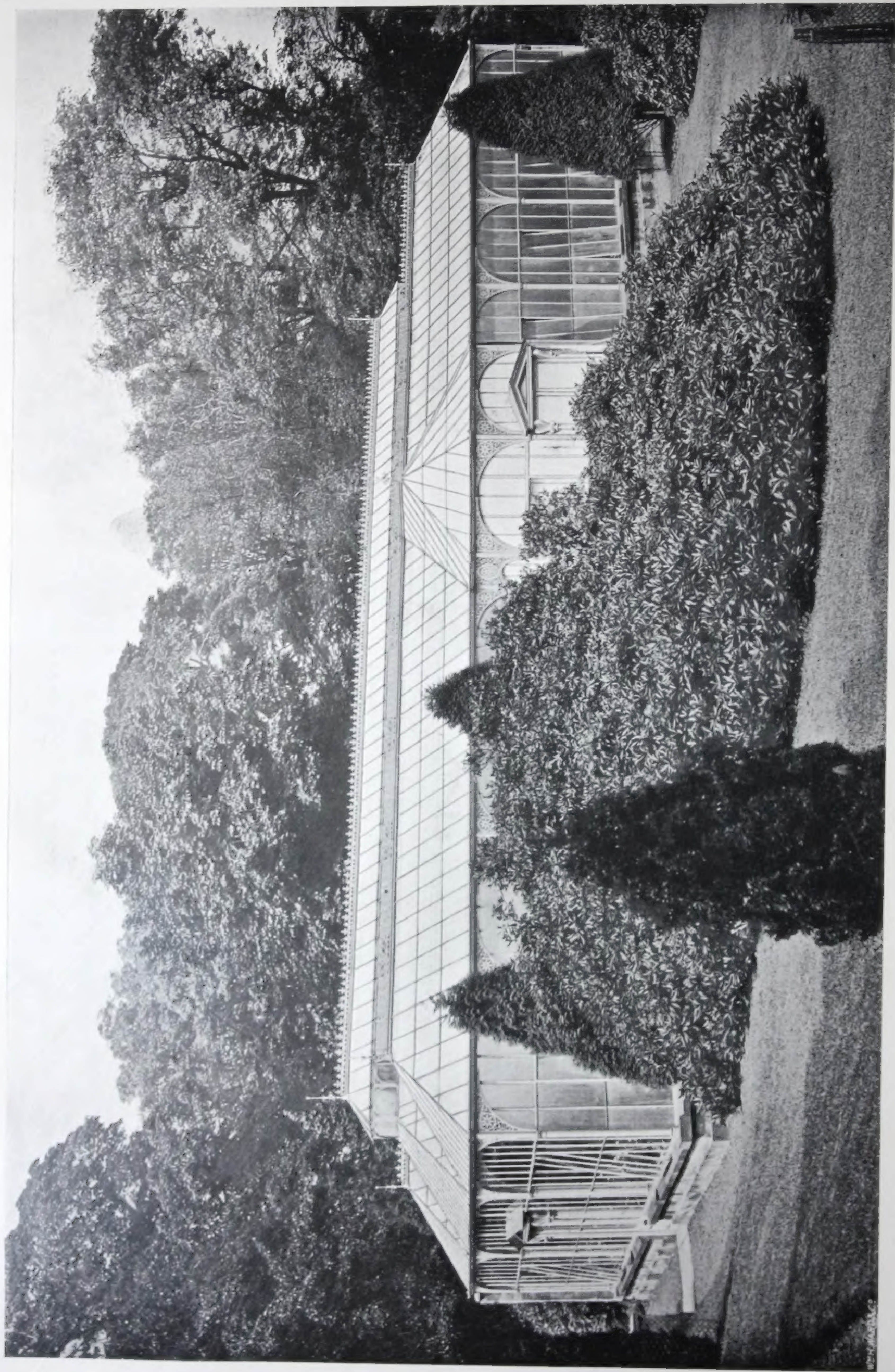
"I have much pleasure in stating that the Conservatory gives every satisfaction, and should I be able, I will use my influence to secure you other orders."—W. JONES, *Bryngwendraeth, Llanddarog.*

"Regarding the Hothouse you built for me, your men have done their work admirably."—LT.-COL. J. R. CAMPBELL, *Charing, Kent.*

"I called and saw the Greenhouse yesterday, and like it very much."—FRAS. STUNT, *Chelmsford.*







IRON WINTER GARDEN FOR T. W. VERNON WENTWORTH, ESQ., WENTWORTH CASTLE, YORKSHIRE.

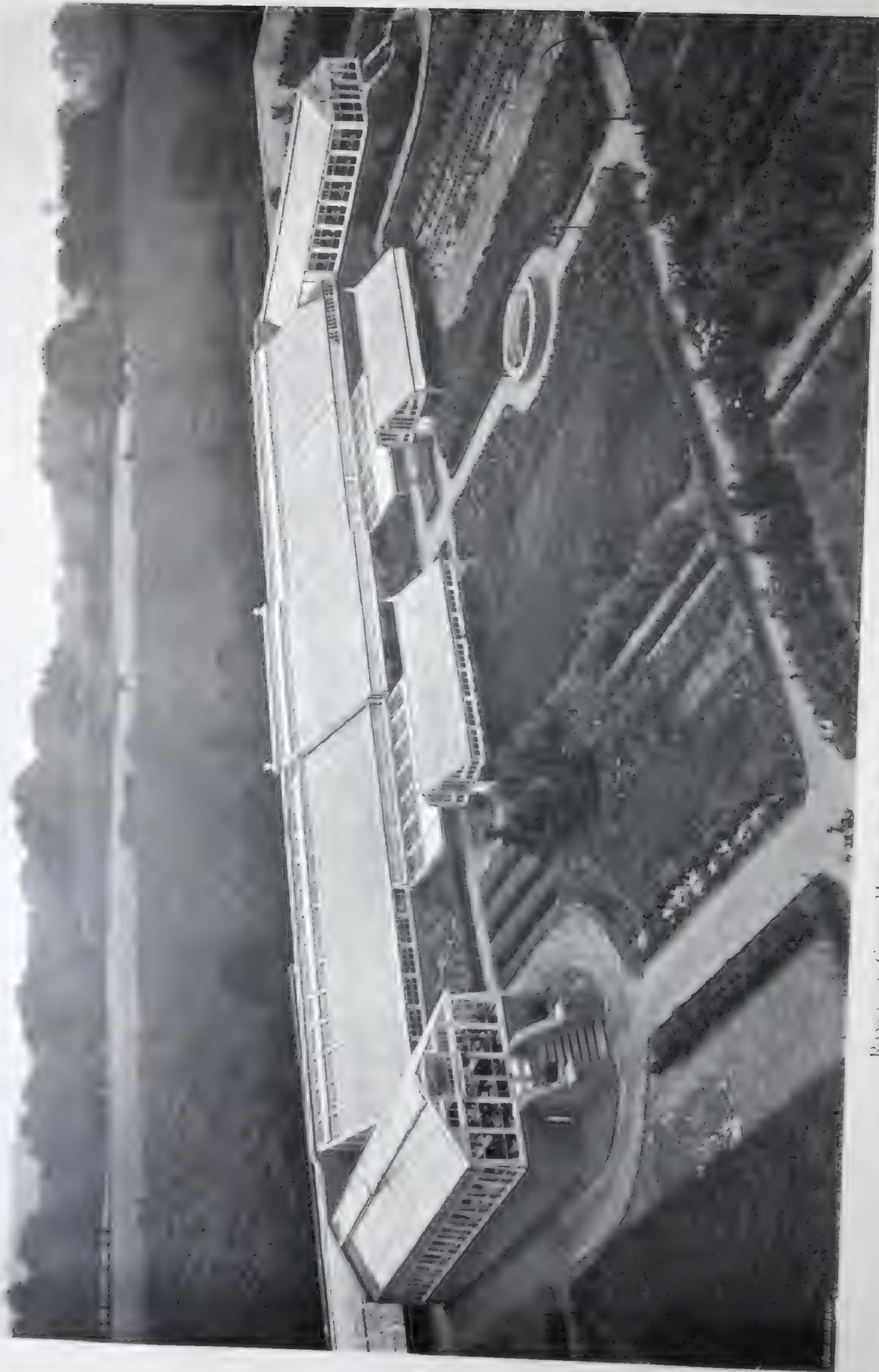
DESIGNED, ERECTED, AND HEATED BY CROMPTON & FAWKES, CHELMSFORD.





VIEW FROM THE GARDEN





RANGE OF GLASS HOUSES FOR SIR DAVID SALOMONS, BART., TUNBRIDGE WELLS.  
DESIGNED, ERICER, AND HEAL, BY GOSPEY & PARKES, CHELTENHAM.





Orchard Hotel, 100 ft. x 26 ft., for H. W. Buddicom, Esq., Pinelaw, Nantwich, North Wales.  
Designed and Erected by Groomston & Fawcett, Cheshamford.





RANGE OF GLASS HOUSES FOR F. CRISP, ESQ., FRIAR PARK, HUNLEY-ON-THAMES.  
ERECTED AND HEATED BY CROMPTON & LAWSON, CHELMSFORD, FROM DESIGNS BY H. E. MILNER, ESQ., F.R.S., M.I.C.E.





AN INTERIOR VIEW IN A TROPICAL RANCH.





CONSERVATORY FOR F. P. T. SIREN, ESQ., KVA LAM, TORQUAY.  
DESIGNED, ERECTED, AND HEATED BY CROMPTON & FAWKES, CHELMSFORD.





INTERIOR VIEW OF STOVE HOUSE FOR J. C. McANDREW, ESQ., GRAFFHAM GRANGE, BRAMLEY, SURREY.





WINTER GARDEN FOR ARTHUR PRYOR, ESQ., HAVLANDS, CHILMSTORD.  
REMODELLED AND REBUILT BY CROMPTON & PARKES, CHILMSTORD.





AN INTERIOR VIEW IN ABOVE WINTER GARDEN.





CONSERVATORY FOR J. K. STARKLEY, ESQ., COVENTRY.

DESIGNED, EXECUTED, AND HEATED BY CROMPTON & TAWKES, CHILCHESTER.





ANOTHER VIEW OF ABOVE CONSERVATORY.





OSLAGON PALM HOUSE FOR THE RIGHT HONOURABLE LORD MOUNT-STEEPHEN, BROCKETT HALL, HATFIELD, HERTS.  
DESIGNED, ERECTED, AND HEATED BY CROMPTON & FAWKES, CHICHESTER.





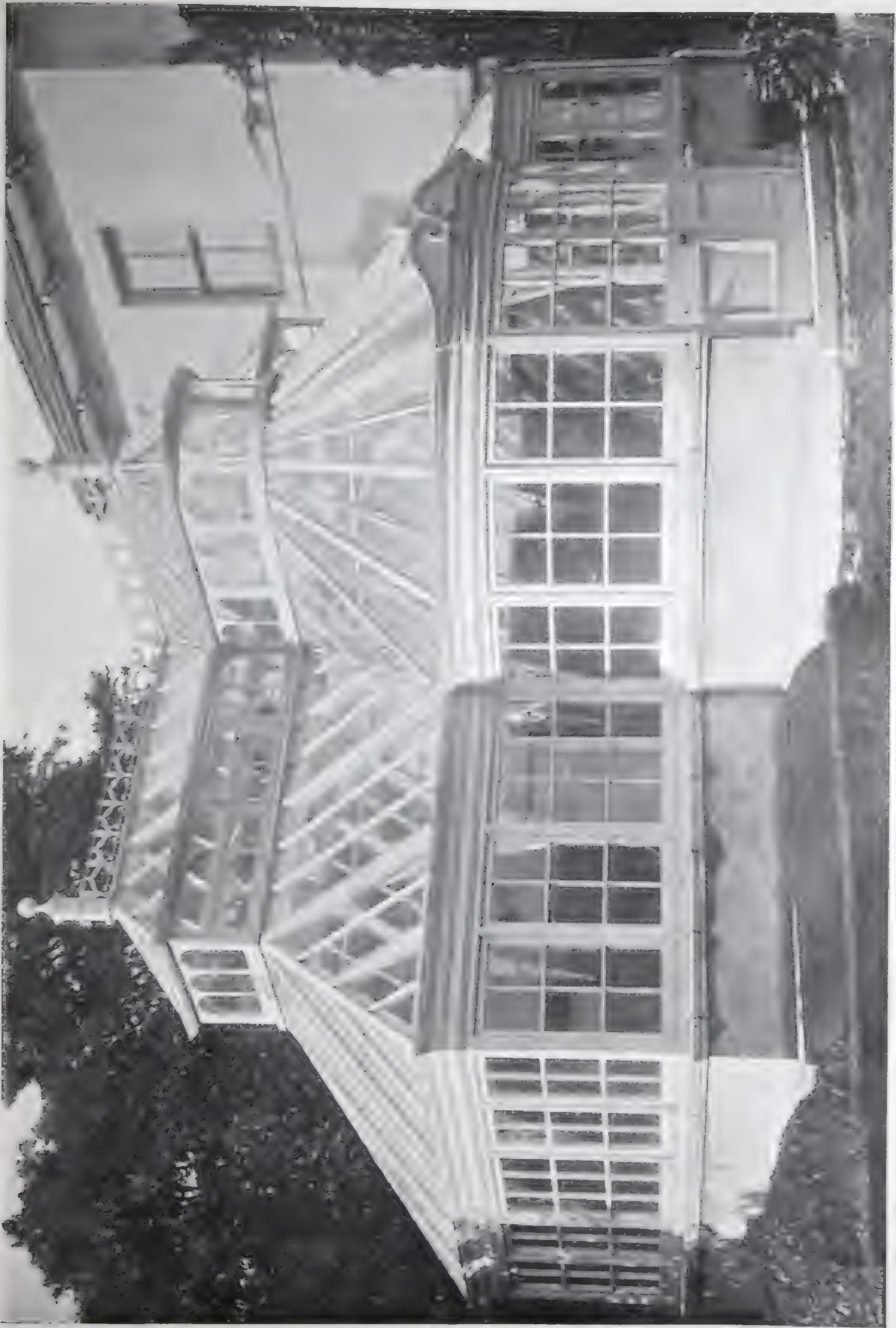
INTERIOR VIEW IN AUSTIN PALM HOUSE.





ORNAMENTAL CONSERVATORY FOR A. F. S. CRAWFORD, ESQ., LOTA LODGE, CORK.  
DESIGNED, ERECTED AND HEATED BY CROMPTON & TAWKES, CHICHESTER.





ANOTHER VIEW OF GREAT CONSERVATORY.





RANGE OF GLASS HOUSES FOR J. H. BRIDGES, ESQ., EWELL COURT, EWELL.  
DESIGNED, ERIGTED, AND HEATED BY CROMPTON & FAWKES, CHILSTON.





1. The first part of the paper is devoted to the study of the properties of the function  $f(x)$  defined by the equation





THE CROMPTON & FAWKES BUILDING  
MANUFACTURING WORKS OF CROMPTON & FAWKES, LIMITED, LONDON  
DESIGNED BY J. H. STUBBS, ESQ., ARCHT.  
1894-1895





PAVILION FOR THE CENTRE OF FINSBURY SQUARE, LONDON.

DESIGNED AND ERICED BY CROMPTON & LAWES, CHELMSFORD.





RANGE OF SPAN-GROWING HOUSES FOR A. W. CROSS, ESQ., HEATH HOUSE, TWICKENHAM.  
DESIGNED, ERIC RYDBERG, AND HEATH HOUSE, TWICKENHAM, A. W. CROSS, ESQ.

WEAVER & CO.





CONSERVATORY AND GROWING HOUSES FOR W. TIRRELL, ESQ., COLNDEN HOUSE, COVENTRY.

DESIGNED, ERICHTED, AND HEATED BY GOSFORD & FAWKES, CHELTENHAM.





RANGE OF ORNAMENTAL CONSERVATORIES FOR THE LATE MISS BAYING, "ELM DEAN," SURREY.  
DESIGNED BY HERBERT J. COATES & FABLE, CHELSEA.





AN INTERIOR VIEW IN CONSERVATORIES ON THE PLANT.









INTERIOR VIEW IN ABOVE CONSERVATORY.





Philadelphia Convention Hall, 1876. General Post Office, Philadelphia.





ORNAMENTAL CONSERVATORY FOR GEO. RIVIER, ESQ., "THE CHIFFRONS," GROVE PARK, WAINSTEAD.  
DESIGNED, ERICUT, AND HEATED BY GROOMER & LAWRENCE, CHILMSFORD.





CONTRIBUTION FOR THE BIRMINGHAM GIFT, THE HATCH, SUNNINGHILL, BIRKS.

FOR THE HATCH, SUNNINGHILL, BIRKS, CHESHIRE.





CONSERVATORY FOR W. SHAW'S, ESQ., HINTON HOUSE, BECKENHAM.

D. JENNER, LONDON, AND HALL & CO., LONDON & LIVERPOOL.





CONSERVATORY FOR S. GARDNER, Esq., "OAKHURST," HARROW-ON-THE-HILL.  
DESIGNED AND EXECUTED BY CROMBIE & FAWKES, CHESHAM.

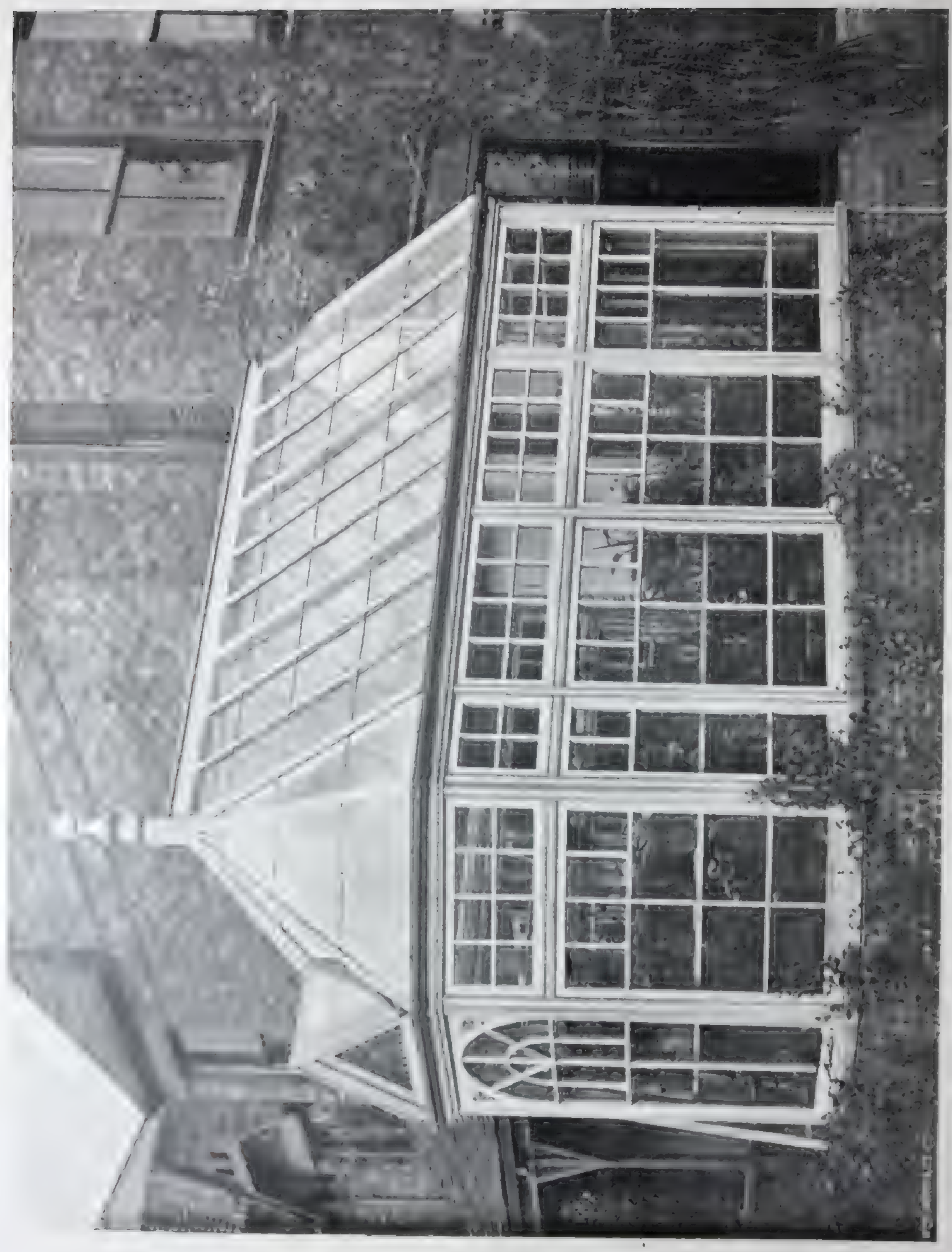




ORNAMENTAL CONSERVATORY FOR J. B. CARRINGTON, ESQ., "LAGGES," NELLY TERRACE, FITZJOHN'S AVENUE, HAMPSHIRE.

DESIGNED, ERECTED, AND HAULING COMPTON & JAMES, CHILFORD.





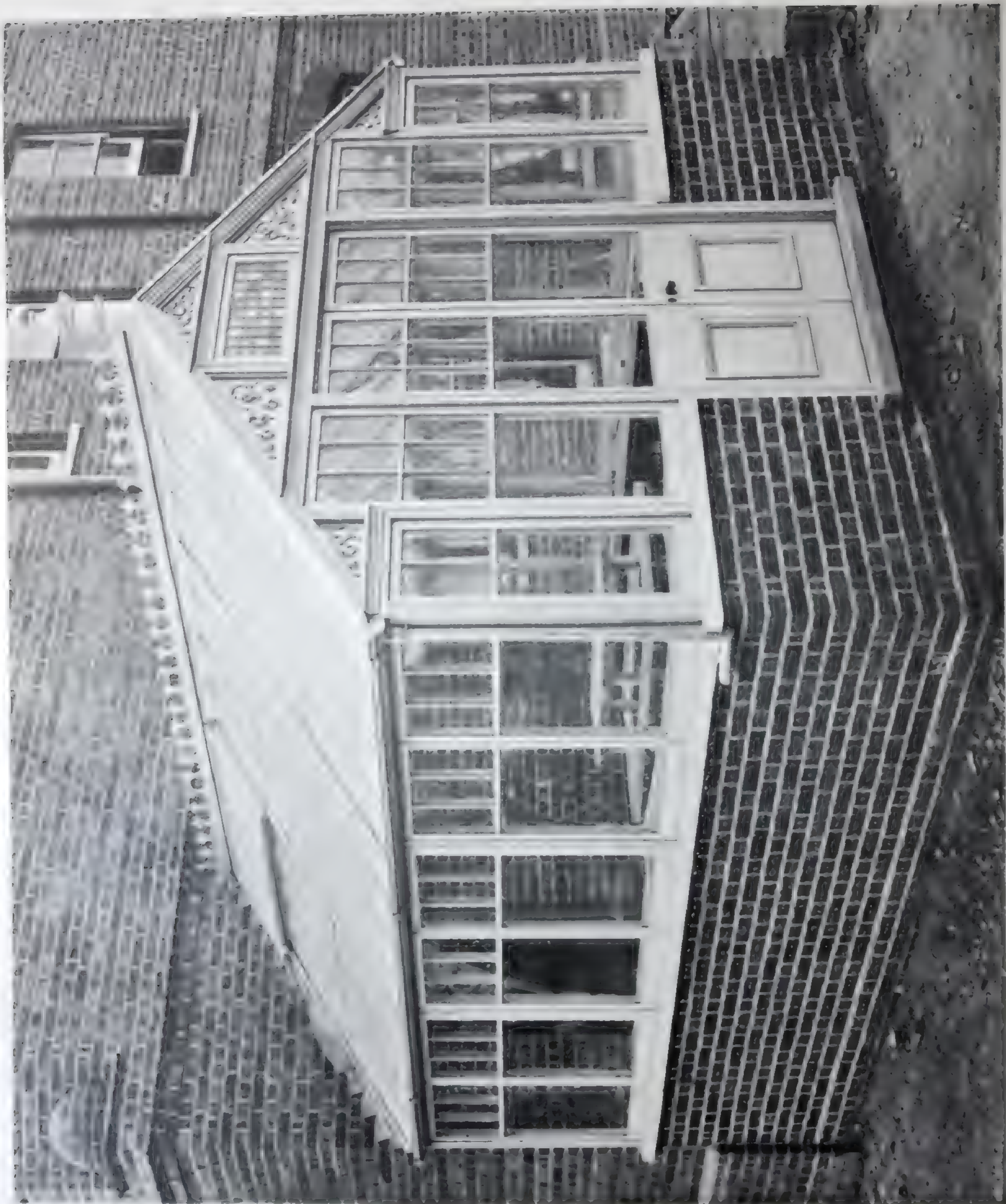
ORNAMENTAL CONSERVATORY FOR SIR HENRY WHITE, STONEHILL, UPPER SHILN, S.W.





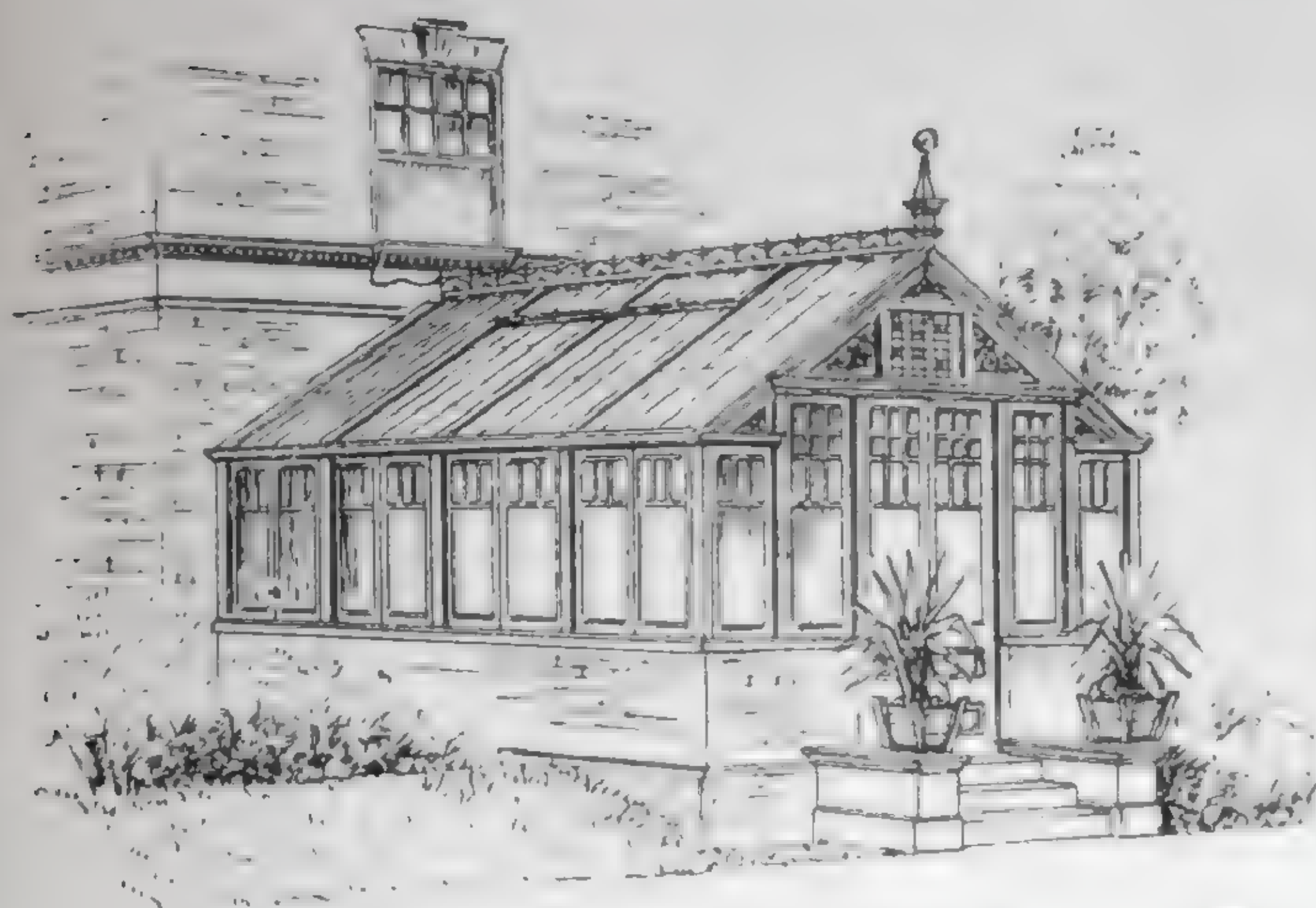
CONSERVATORY FOR A. MOLLMANN, ESQ., WOODSON LODGE, WEYBRIDGE.  
DESIGNED, EXECUTED, AND HATED BY CROMPTON & FAWCETT, CHICHESTER.







# Inexpensive Artistic Ornamental Conservatories.



Span Conservatory, No. 319.



Interior View of No. 319.

*See also Photographs on opposite page*

The annexed designs represent an artistic but inexpensive span Conservatory, suitable for attaching to a dwelling-house. Prices are given below for various lengths and widths and alternative heights. Prices of other sizes on application.

The Prices include Conservatory constructed of best seasoned red deal, with corn-brackets on ridge outside of triangular panels in gable, white moulded oiled lead glass fixed glazed, for central panel of gable, ornamental cast iron brackets forming a handsome semi-circular rib at each principal for supporting roof and preventing lateral thrust; one end with a pair of folding doors fitted with mortice lock and pattern cast-iron bronze furniture, brass barrel bolts, and brass cabin hooks; ornamental cast iron cresting on ridge, and handsome moulded finial. Vertical sidelights are hinged as ventilators and are fitted with retractable stays and set-opens; and top ventilation is provided by sashes hinged to ridge and opening with retractable stays, set-opens, cords and cleats. Cast iron gutters and down pipes are included for a good flow. The mullions are reeded, and the whole of the woodwork white and moulded in the most approved manner. The framework is painted before dispatch, and 21 oz. English sheet glass put up ready to put in. The building is erected on our own shops, and all parts properly marked and numbered, so that any difficulty in putting it together on arrival without any fitting. The whole is packed and delivered ready to go to any Goods Railway Station in England.

SPAN CONSERVATORY, No. 319.	12 ft. 6 in. wide			14 ft. wide			16 ft. wide		
	7 ft. to eaves			7 ft. to eaves			7 ft. to eaves		
	£	s.	d.	£	s.	d.	£	s.	d.
15 feet long	33	17	6	42	5	0	45	5	0
20 " "	43	0	0	52	18	0	56	13	0
25 " "	51	14	9	63	15	0	68	0	0
30 " "	60	0	0	74	5	0	79	8	0

Prices given for Fixing and Heating on application.

CROMPTON & FAWKES, CHELMSFORD.





CONSERVATORY FOR F. McKENZIE, Esq., "THE WARREN," LOUGHTON.

DESIGNED AND ERICHTED BY CROMPTON & FAWKES, CHITMSTON.



# Inexpensive Artistic Ornamental Conservatories.



**Lean-to Conservatory No. 370.**

The designs on this page represent artistic but inexpensive Lean-to Conservatories, suitable for attaching to a dwelling-house. Prices are given below for various lengths and widths. Prices of other sizes on application. The height to eaves in all cases is 7 feet.

The Prices include Conservatory constructed of best seasoned red deal, with enrichments in relief to outside of triangular panels in gable; white muffled cathedral glass, lead glazed, for central panel of gable; cast iron angle brackets where necessary, for supporting roof and preventing lateral thrust. A pair of folding doors fitted with mortice lock and patent octagon bronze furniture, brass barrel bolts, and brass cabin hooks; ornamental cast iron cresting on ridge; and handsome moulded finial. Vertical front lights of lean-to portions are hinged as ventilators, and are fitted with adjustable stays and set opens; and top ventilation is provided by sashes hinged to ridge and opening with adjustable stays, set opens, cords and cleats. Cast iron gutters and down pipes are included as far as ground line. The mullions are reeded, and the whole of the woodwork wrought and moulded in the newest approved manner. The framework is painted before dispatch, and 21-oz. English sheet glass cut up ready to put in. The building is erected on our own shops, and all parts properly marked and numbered, so that any ordinary joiner will find no difficulty in putting it together on arrival without any fitting. The whole is packed and delivered carriage paid to any Goods Railway Station in England.

## PRICES OF LEAN-TO CONSERVATORY No. 370.

LEAN-TO CONSERVATORY No. 370				10 ft. wide	12 ft. wide	14 ft. wide
				£ s. d.	£ s. d.	£ s. d.
20 ft. long	...	...	...	52 10 0	63 10 0	75 10 0
24 " "	...	...	...	56 15 0	69 0 0	81 10 0
28 " "	...	...	...	61 0 0	74 10 0	87 10 0
32 " "	...	...	...	65 5 0	80 0 0	93 10 0

*Note.* - The central portion of No. 370 breaks out two feet beyond the widths given in the prices.

## PRICES OF LEAN-TO CONSERVATORY No. 325.

LEAN-TO CONSERVATORY, No. 325.	10 ft. wide		12 ft. wide		14 ft. wide	
	7 ft. to eaves	8 ft. to eaves	7 ft. to eaves	8 ft. to eaves	7 ft. to eaves	8 ft. to eaves
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
18 feet long	37 10 0	40 0 0	43 0 0	46 0 0	50 10 0	54 0 0
20 " "	39 15 0	42 10 0	45 10 0	48 5 0	53 5 0	56 10 0
26 " "	46 0 0	49 0 0	52 15 0	55 15 0	61 10 0	65 0 0
30 " "	50 0 0	53 10 0	57 10 0	60 15 0	67 0 0	70 15 0

**Lean-to Conservatory No. 325.**

Prices given for Fixing and Heating on application.

**CROMPTON & FAWKES, CHELMSFORD.**



# Ornamental Lean-to Greenhouses. No. 327.



These Greenhouses are of a high-class construction, and suitable for prominent and other positions where a handsome appearance requires to be combined with the necessary conditions for growing purposes. The height to the front is 5 ft. 6 in., viz., 3 ft. of wood and glass for placing on a 2 ft. 6 in. dwarf wall. All the rafters, roofbars, and sashbars are moulded; and the rafters and roofbars are provided with our improved condensation grooves. The whole of the frontlights, and an adequate number of toplights, are arranged to swing open, separately, as ventilators, with proper set-opens. All mullions are fitted with cast iron brackets to prevent lateral thrust, the intermediate roofbars are supported by T iron purlins, and the principals, in houses 12 ft. wide and over, are trussed with wrought iron tie rods. Top plates are weathered, and cills weathered and throated. Two ends of handsome appearance are included, and one door at either end fitted with brass mortice lock and octagon bronze furniture, moulded cast iron eaves, gutters, and downpipes to ground line are provided, and sufficient 21-oz. English sheet glass, cut to proper sizes, for glazing the whole. All wood-work is painted before dispatch, and the whole carefully packed and delivered carriage paid to any Goods Railway Station in England.

## PRICES.

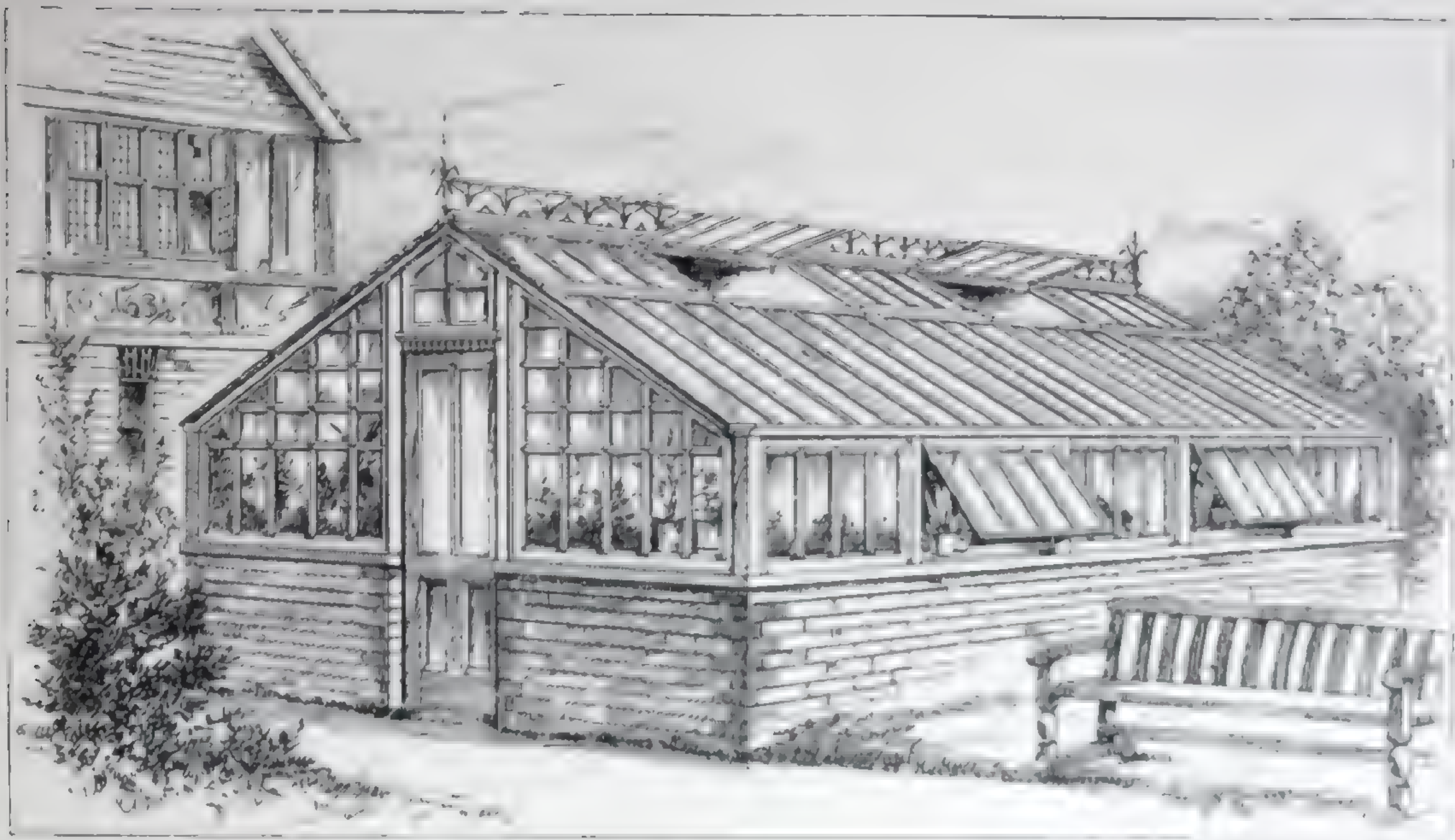
Length				10 feet wide	12 feet wide	14 feet wide
Feet				£ s. d.	£ s. d.	£ s. d.
15	...			17 6 0	21 9 0	25 10 0
20	...			20 18 0	25 15 0	30 10 0
25	...	...	...	24 11 0	30 0 0	35 10 0
30	...	...	...	28 3 0	34 6 0	40 10 0
35	...	...	...	31 15 0	38 12 0	45 10 0
40	...	...	...	35 8 0	42 18 0	50 10 0
Height at front (2½ ft. dwarf wall)				5 ft. 6 in.	5 ft. 6 in.	5 ft. 6 in.
Height at back				10 ft. 6 in.	11 ft. 6 in.	12 ft. 6 in.

Prices of Fixing and Heating, &c., on application.

CROMPTON & FAWKES. CHELMSFORD.



# Ornamental Span Greenhouses. No. 328.



These buildings are of a superior construction, and are suitable for the purpose of growing plants, and are intended for essentially growing purposes, and at the same time a handsome ornamental appearance is given. All the rafters, roofbars, and sashbars are moulded in the best manner, and the rafters and roofbars are fitted with iron guttering for carrying away the water of condensation. The height is 12 ft. 6 in. to 14 ft. 6 in. and the building is supported on a 2 ft. 6 in. dwarf wall. The whole of the side lights and end lights are fitted with separate ventilators with proper openings. All gutters are in position of being put down with iron strengthening brackets to support roof and prevent rain water. The rafters and bars are secured by iron T iron purlins, and the principal rafters over 12 ft. wide are covered with iron roof tiles. The joints are caulked and cills weathered and throated. Two sets of double doors are fitted, and the door is constructed with a door fitted with brass mortar lock, and bottom hinge. Moulded iron cast iron gutters, and downpipes in ground line are provided for both sides, and sufficient stout iron rods are put in to strengthen the whole. All wood work is painted before dispatch, and the whole is ready to be put up and down in any part of the country. From Railway Station in England.

## PRICES.

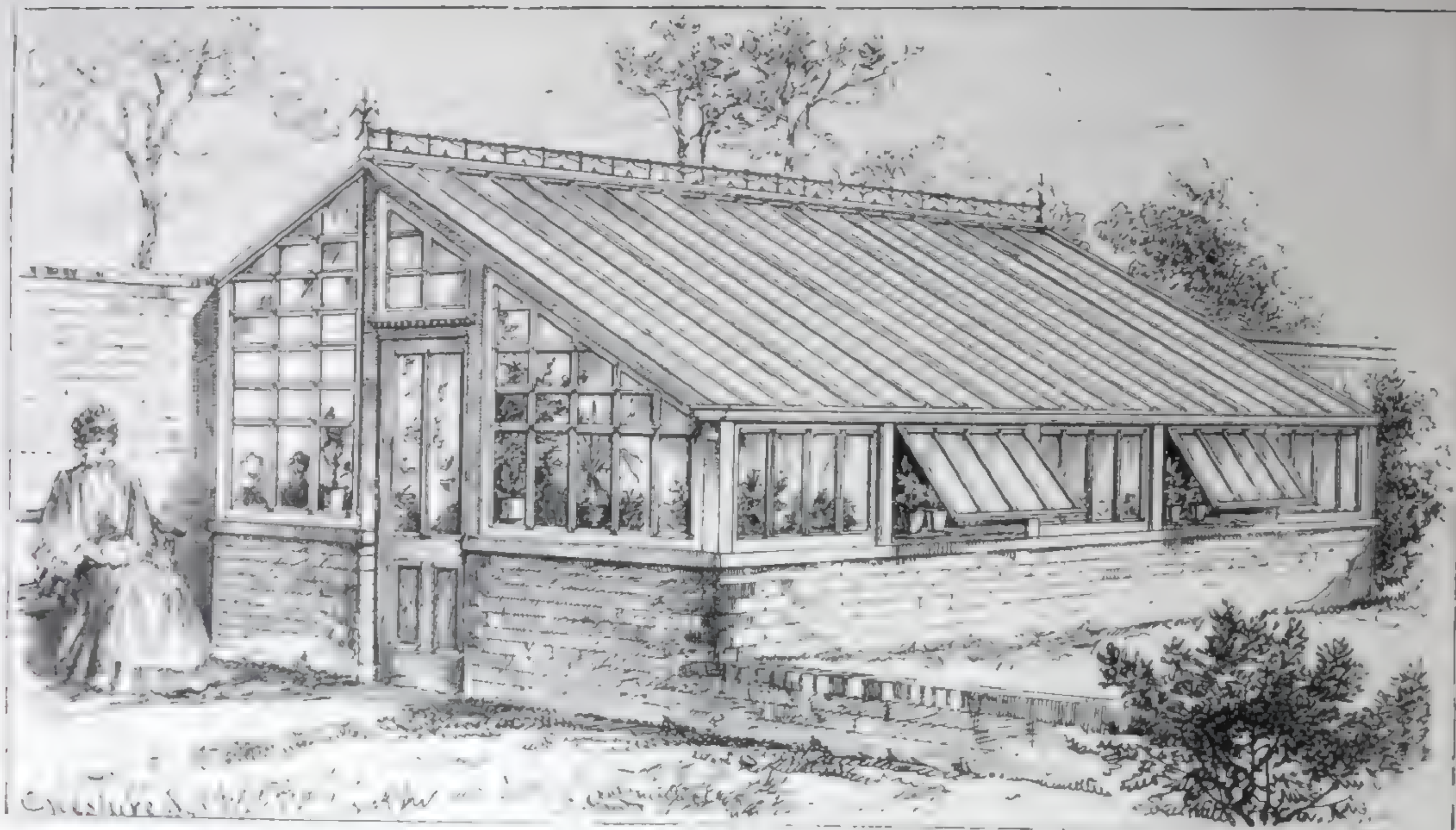
Length.	10 ft. wide.	12 ft. wide.	14 ft. wide.
Feet.	2 1 0	2 1 0	2 1 0
15	12 14 0	12 10 0	12 11 0
20	21 6 0	18 1 0	18 0 0
25	28 10 0	22 8 0	22 0 0
30	33 10 0	25 10 0	25 0 0
35	38 2 0	28 10 0	28 4 0
40	42 10 0	32 18 0	32 8 0
Height at sides (2 1/2 ft. dwarf wall)	4 0 0	5 0 0	6 0 0
Height at ridge	8 0 0	10 0 0	12 0 0

Prices of Fixing, Heating, &c., on application.

CROMPTON & FAWKES, CHELMSFORD.



# Ornamental Three-Quarter Span Greenhouses. No. 329.



These Houses are of a high class construction, and combine an attractive ornamental appearance with special adaptability for growing purposes. All the rafters, roofbars, and sashbars are moulded in the best possible manner, and the rafters and roofbars are provided with our improved drip grooves. The height to eaves is 5 ft. 6 in., viz., 3 ft. of woodwork plus the planing on a 2 ft. 6 in. dwarf wall. The whole of the front lights and a sufficient number of lights at the back of the house are arranged to swing open separately as ventilators, with proper set opens. All rafters and sashes at the back of the house are fitted with cast iron strengthening brackets to support roof and prevent warping. The intermediate rafters are supported by T iron purlins, and the principals, in houses of 12 ft. wide and over, are supported with wrought iron tie rods. Top plates are weathered, and eills weathered and throated. Two doors of polished mahogany are provided, and other end provided with a door fitted with mortice lock and octagon handle. Moulded cast iron gutters, with downpipes to ground line, are provided at back and front, and sufficient 21 in. square glass panes are cut to proper sizes, for glazing the whole. All woodwork is painted before erection, and the houses are packed and delivered carriage paid to any goods railway station in England.

## PRICES.

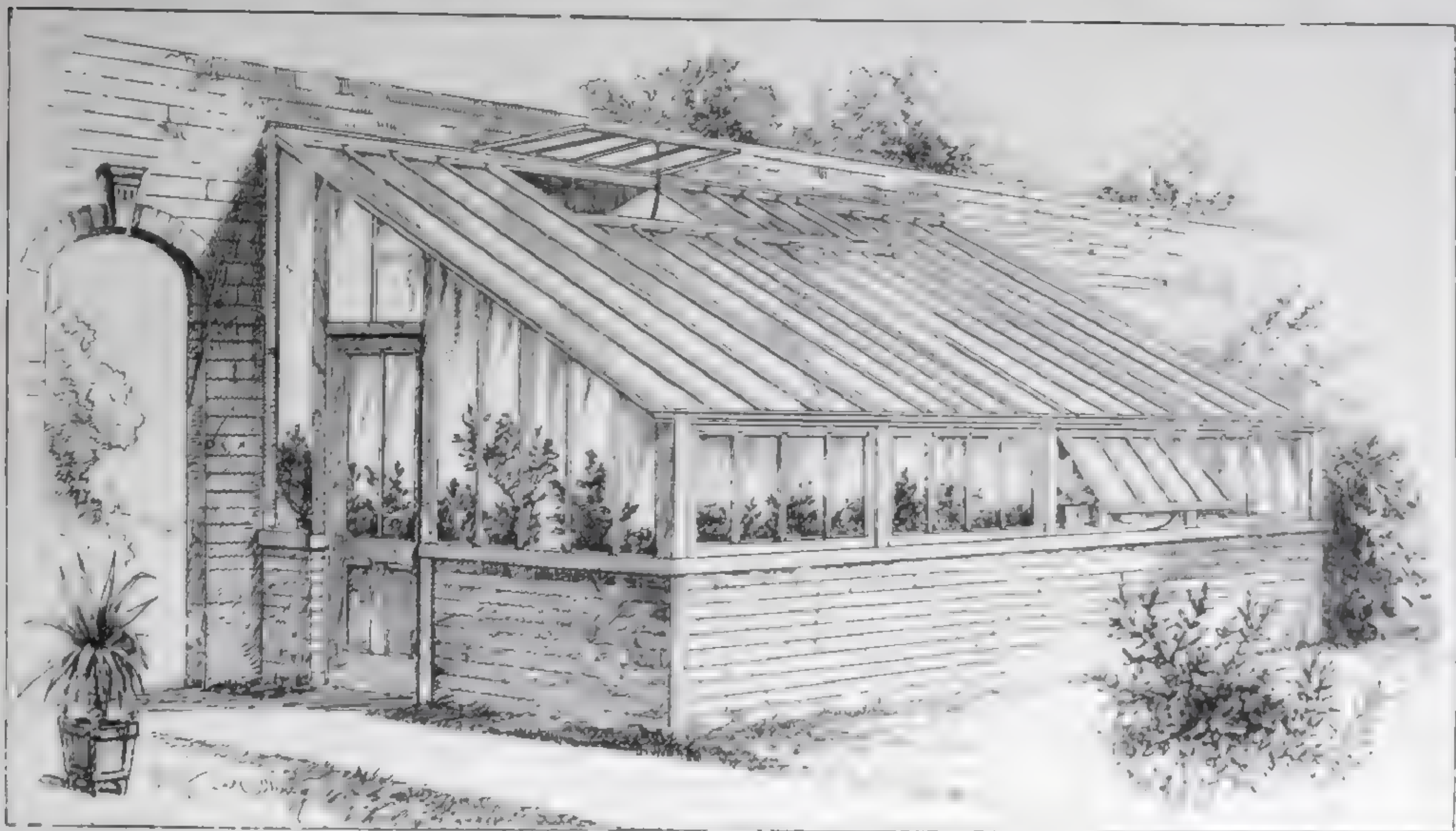
Length	10 feet wide	12 feet wide	14 feet wide
10	£ 18 15 0	£ 22 0 0	£ 26 0 0
12	22 15 0	27 0 0	31 10 0
14	26 15 0	32 0 0	37 10 0
16	30 15 0	37 0 0	42 10 0
18	34 15 0	42 0 0	47 10 0
20	38 15 0	47 0 0	53 10 0
Height at front of house to eaves	5 ft. 6 in.	5 ft. 6 in.	5 ft. 6 in.
Height of back wall above ground	7 ft.	8 ft.	9 ft.

Prices of Fixing, Heating, &c., on application.

CROMPTON & FAWKES, CHELMSFORD.



# Plain Lean-to Greenhouses. No. 302.



These Greenhouses are of superior workmanship to those usually advertised as "cheap Greenhouses." The prices given are as low as possible consistent with substantial, durable buildings. They are constructed of the best seasoned red deal, weathered plates and cills. Two glazing ends are included, and one door, fitted to whichever end is desired. Sufficient glass is provided for glazing the whole. Alternate front sashes are lugged, and swing open with proper adjustable stays, and top ventilation is provided by glazing lights in alternate bays, hinged to ridge, and worked by proper set opens, pulleys, cords, and chains. External doors are fitted with locks and furniture. Cast iron gutters and down pipes as far as ground line are provided. Each principal is fitted with cast iron strengthening bracket, and the roof is provided with T iron purlins. Over 10 ft. wide each principal is fitted with a supporting post. The framework is painted priming coat, and the whole carefully packed and delivered, carriage free, to any Goods Railway Station in England. Prices are also given separately for lattice wood path and wood dwarf walls, either round or square.

For Heating Apparatus, see plates 59, 60, 61.

Price of Fixing, &c., on application.

## 8 FEET WIDE.

## 12 FEET WIDE.

Length.	Price of House with dwarf glass.	Price of House with dwarf glass.	Lattice wood path and dwarf wall.	Wood dwarf wall, round or square.
Feet.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
10	8 18 6	9 14 0	0 15 0	1 14 0
15	11 1 0	12 2 0	1 2 6	2 2 0
20	12 19 0	14 4 0	1 10 0	2 9 0
25	14 12 6	16 2 0	1 17 6	2 17 0
30	16 1 0	17 15 6	2 5 0	3 4 6
35	18 5 0	20 3 6	2 12 6	3 12 0
40	20 8 6	22 11 6	3 0 0	4 0 0
50	22 15 6	25 7 0	3 15 0	4 15 0

Length.	Price of House with dwarf glass.	Price of House with dwarf glass.	Lattice wood path and dwarf wall.	Wood dwarf wall, round or square.
Feet.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
10	15 1 0	16 11 0	1 2 6	2 14 0
15	17 7 0	19 3 0	1 11 0	3 1 0
20	20 8 6	22 11 0	1 17 0	3 10 0
25	23 9 6	25 17 6	2 5 0	3 19 6
30	26 11 0	29 7 6	2 12 0	4 4 0
35	29 12 6	32 15 6	3 0 0	4 11 6
40	32 15 0	35 18 0	3 15 0	5 6 0

Height at front (2½ ft. dwarf wall), 4 ft. 6 in.  
Height at back, 8 ft. 9 in.

Height at front (2½ ft. dwarf wall), 4 ft. 6 in.  
Height at back, 10 ft. 9 in.

## 10 FEET WIDE.

## 14 FEET WIDE.

Length.	Price of House with dwarf glass.	Price of House with dwarf glass.	Lattice wood path and dwarf wall.	Wood dwarf wall, round or square.
Feet.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
10	10 14 0	11 13 6	0 15 0	2 0 0
15	13 3 6	14 8 6	1 2 6	2 8 0
20	15 7 0	16 18 0	1 10 0	2 15 0
25	17 5 6	19 2 0	1 17 0	3 3 0
30	19 18 6	22 0 0	2 5 0	3 10 0
35	22 12 6	25 0 0	2 12 6	3 18 0
40	25 5 6	27 19 0	3 0 0	4 5 6
50	30 12 0	33 16 0	3 15 0	5 0 0

Length.	Price of House with dwarf glass.	Price of House with dwarf glass.	Lattice wood path and dwarf wall.	Wood dwarf wall, round or square.
Feet.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
10	17 3 0	18 29 0	1 2 6	3 0 0
15	20 13 6	22 17 6	1 10 0	3 7 0
20	24 5 6	26 6 6	1 17 0	3 15 0
25	27 16 0	30 15 0	2 5 0	4 2 0
30	31 8 0	34 14 0	2 12 0	4 11 6
35	35 0 0	38 13 6	3 0 0	4 17 6
40	39 5 6	42 15 0	3 15 0	5 12 6

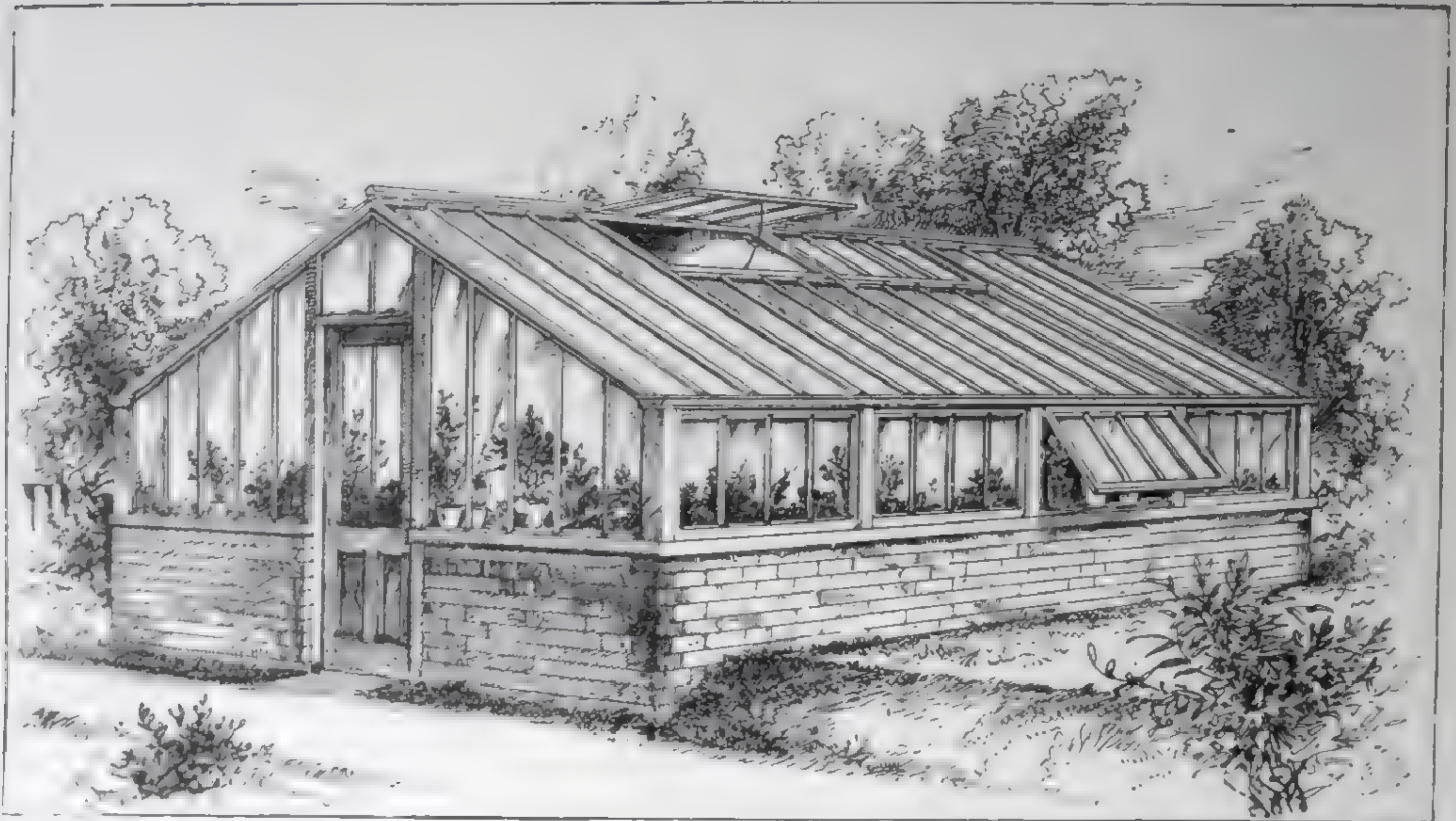
Height at front (2½ ft. dwarf wall), 4 ft. 6 in.  
Height at back, 9 ft. 9 in.

Height at front (2½ ft. dwarf wall), 4 ft. 6 in.  
Height at back, 11 ft. 9 in.

CROMPTON & FAWKES, CHELMSFORD.



# Plain Span Greenhouses. No. 303.



These Greenhouses are of similar construction to those on the preceding page. They are excellent for all ordinary growing purposes. The woodwork used is the best seasoned red deal. Two glazing ends are included, and one door. Sufficient glass is provided for glazing the whole. Vertical sashes in alternate bays on both sides are hinged, and swing open with proper adjustable stays, and top ventilation is provided by a sufficient number of glazing lights hinged to ridge, and worked by proper set opens, pulleys, cords, and clews. External doors are fitted with locks and furniture. Cast iron gutters and down pipes to ground line on both sides are provided. Each principal is fitted with three cast iron strengthening brackets, and the roof is provided with T-bar poles. Over 12 feet wide, each principal is further provided with two supporting posts. The framework is painted priming coat, and the whole is carefully packed and delivered, carriage free, to any Goods Railway Station in England. Prices are given separately for lattice wood path and wood dwarf walls, making tenant's fixture.

For Heating Apparatus see plates 59, 60, 61.

Prices of Fixing, &c., on application.

## 8 FEET WIDE.

Length Feet	Price of House with 21 oz. glass		Price of House with 21 oz. glass		Wood Dwarf Wall, making Tenant's Fixture		
	£	s	£	s	£	s	
10	8	18	0	15	0	2	9
15	11	6	0	12	6	3	4
20	13	2	0	15	0	3	19
25	15	0	0	17	6	4	14
30	17	0	0	19	0	5	9
35	19	0	0	22	8	6	4
40	21	0	0	25	4	6	19
45	23	0	0	28	0	8	7

Height at front (2 1/2 ft. dwarf wall), 4 ft. 6 in.  
Height to ridge, 6 ft. 6 in.

## 12 FEET WIDE.

Length	Price of House with 11 oz. glass			Price of House with 21 oz. glass			Lattice wood path and bearers			Wood Dwarf Wall, making Tenant's Fixture		
Feet	£	s	d	£	s	d	£	s	d	£	s	d
15	15	2	0	16	12	0	1	2	6	3	16	6
20	17	18	0	19	16	0	1	10	0	4	11	6
25	21	9	0	23	14	6	1	17	6	5	6	6
30	25	0	0	27	13	6	2	5	0	6	1	6
35	28	12	0	31	12	0	2	12	6	6	16	6
40	32	3	0	35	11	0	3	0	0	7	11	6
50	39	5	6	43	8	6	3	15	0	9	1	6

Height at front (2 1/2 ft. dwarf wall), 4 ft. 6 in.  
Height to ridge, 7 ft. 6 in.

## 10 FEET WIDE.

Length	Price of House with 21 oz. glass			Lattice wood path and bearers			Wood Dwarf Wall, making Tenant's Fixture		
	£	s	d	£	s	d	£	s	d
15	13	9	0	11	8	0	6	15	0
20	15	7	0	14	12	0	1	2	0
25	17	0	0	17	8	0	1	10	0
30	18	1	0	2	3	0	1	17	0
35	21	0	0	23	1	0	2	5	0
40	23	0	0	25	17	0	2	12	0
45	25	0	0	27	4	0	3	0	0
50	27	0	0	37	2	0	3	15	0

Height at front (2 1/2 ft. dwarf wall), 4 ft. 6 in.  
Height to ridge, 7 ft.

## 14 FEET WIDE.

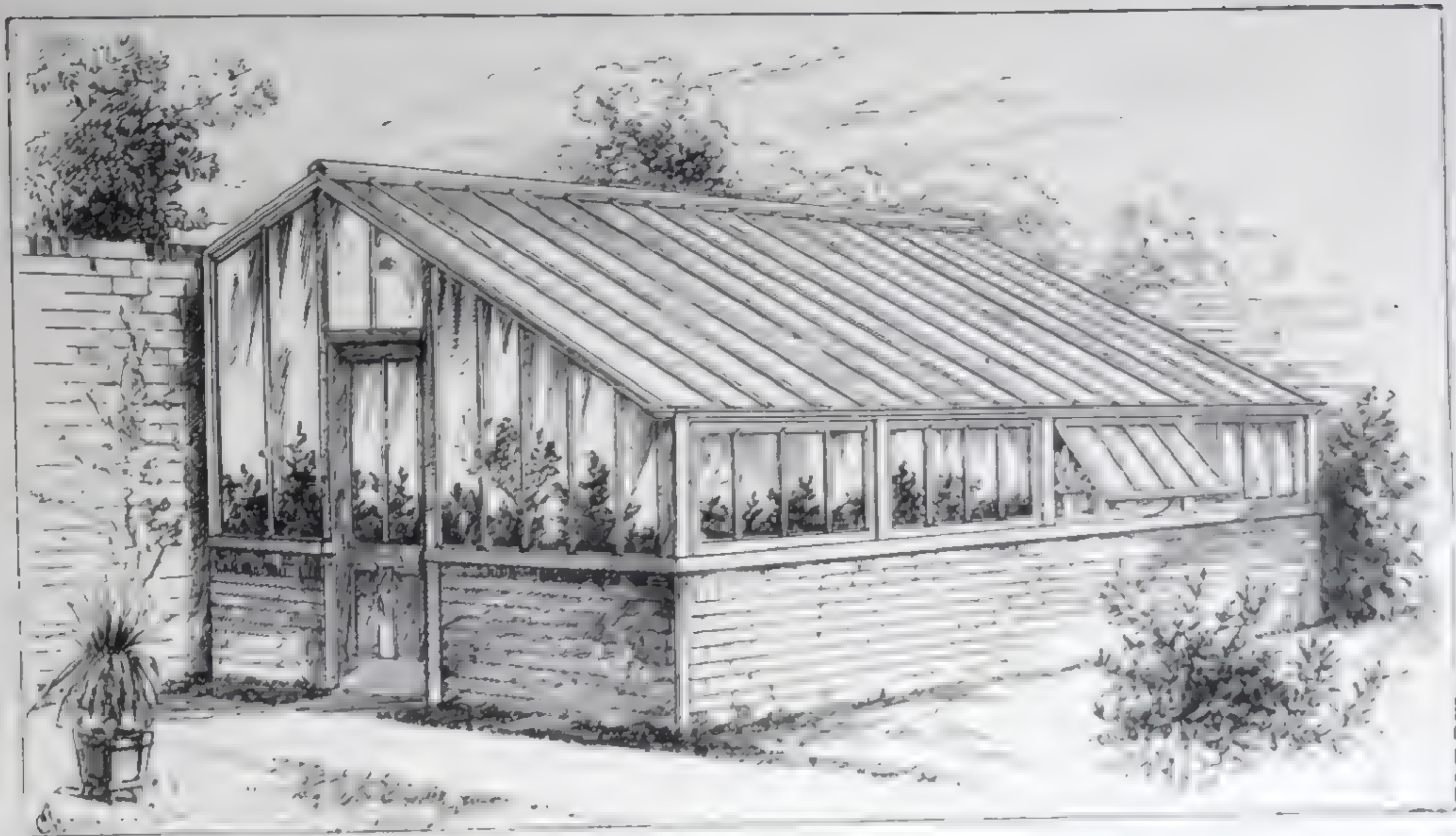
Length	Price of House with 17 oz. glass	Price of House with 21 oz. glass	Lattice wood path and bearers	Wood Dwarf Wall, making Tenant's Fixture		
Feet	£	s	d	£	s	d
15	16	6	6	2	6	6
20	20	5	6	3	1	6
25	24	4	6	3	16	6
30	28	4	0	4	11	6
35	32	3	0	5	6	6
40	36	2	0	6	1	6
50	44	0	0	7	11	6

Height at front (2 1/2 ft. dwarf wall), 4 ft. 6 in.  
Height to ridge, 8 ft.

CROMPTON & FAWKES, CHELMSFORD.



# Plain Three-quarter Span Houses. No. 330.



These Greenhouses are similar in construction to those on the two preceding pages. They are considerably recommended for general growing purposes. All the wood used is the best seasoned red deal. Two glazing only are included, and can be shut to whichever end is required. Sufficient glass is provided for glazing the whole. Alternate front lights are hinged, and swing open with adjustable stays, and top ventilation is provided by glazing lights at the back of the three-quarter span, in alternate bays, hinged to ridge, and worked by proper set opens, pulleys, cords and cleats. External doors are fitted with locks and handles. Cast iron gutters at back and front, and down pipes to ground line are provided. Each principal is fitted with cast non-rotating iron brackets, and the roof is provided with T iron purlins. Over 10 feet wide, each principal is also provided with a supporting post. The framework is painted priming coat, and the whole carefully packed and delivered, carriage free, to any Goods Railway Station in England. Prices are also given separately for lattice wood path and wood dwarf walls, making total's value.

For Heating Apparatus, see plates 59, 60, 61. Prices of Fixing, &c., on application.

### 8 FEET WIDE.

Length.	Price of House with 16-oz. glass.	Price of House with 21-oz. glass.	Lattice wood path and dwarf walls.	Wood Dwarf Walls making total's value.
Feet.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
10	8 18 0	9 13 0	0 15 0	1 14 0
15	11 5 0	12 5 0	1 2 0	2 2 0
20	13 7 6	14 10 0	1 10 0	2 9 6
25	15 0 0	16 15 0	1 17 0	2 17 0
30	16 15 0	18 13 0	2 5 0	3 4 6
35	19 0 0	21 5 0	2 12 0	3 12 0
40	21 10 0	24 0 0	3 0 0	4 0 0
50	25 0 0	27 10 0	3 15 0	4 15 0

Height at front (2 1/2 ft. dwarf wall), 4 ft. 6 in.  
Height of back wall about 6 ft. 3 in.

### 12 FEET WIDE.

Length.	Price of House with 16-oz. glass.	Price of House with 21-oz. glass.	Lattice wood path and dwarf walls.	Wood Dwarf Walls making total's value.
Feet.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
10	15 2 0	16 12 0	1 17 0	2 14 0
15	17 12 0	18 10 0	2 0 0	3 1 0
20	20 18 6	21 10 0	2 17 0	3 9 6
25	24 5 0	26 15 0	2 5 0	3 15 0
30	27 12 0	28 10 0	2 12 0	4 4 0
35	30 17 6	31 5 0	3 0 0	4 11 6
40	34 1 0	35 0 0	3 18 0	5 6 6
50	37 15 0	38 10 0	4 15 0	6 15 0

Height at front (2 1/2 ft. dwarf wall), 4 ft. 6 in.  
Height of back wall about 7 ft. 6 in.

### 10 FEET WIDE.

Length.	Price of House with 16-oz. glass.	Price of House with 21-oz. glass.	Lattice wood path and dwarf walls.	Wood Dwarf Walls making total's value.
Feet.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
10	10 12 0	11 8 0	0 15 0	2 0 6
15	13 5 0	14 10 0	1 2 0	2 8 0
20	15 10 0	17 3 0	1 10 0	2 15 0
25	17 15 0	19 12 0	1 17 0	3 3 0
30	20 10 0	22 15 0	2 5 0	3 10 6
35	23 10 0	25 18 0	2 12 0	3 18 6
40	26 5 0	29 0 0	3 0 0	4 5 6
50	32 0 0	35 10 0	3 15 0	5 0 0

Height at front (2 1/2 ft. dwarf wall), 4 ft. 6 in.  
Height of back wall about 7 ft.

### 14 FEET WIDE.

Length.	Price of House with 16-oz. glass.	Price of House with 21-oz. glass.	Lattice wood path and dwarf walls.	Wood Dwarf Walls making total's value.
Feet.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
10	18 10 0	19 5 0	1 17 0	2 9 0
15	20 10 0	22 10 0	1 10 0	3 7 0
20	24 5 0	26 15 0	1 17 0	3 5 0
25	28 0 0	31 5 0	2 5 0	4 2 0
30	31 15 0	35 5 0	2 12 0	4 10 0
35	35 10 0	39 5 0	3 0 0	4 17 0
40	40 5 0	44 10 0	3 15 0	5 14 0
50	45 5 0	49 10 0	4 15 0	6 14 0

Height at front (2 1/2 ft. dwarf wall), 4 ft. 6 in.  
Height of back wall about 8 ft.

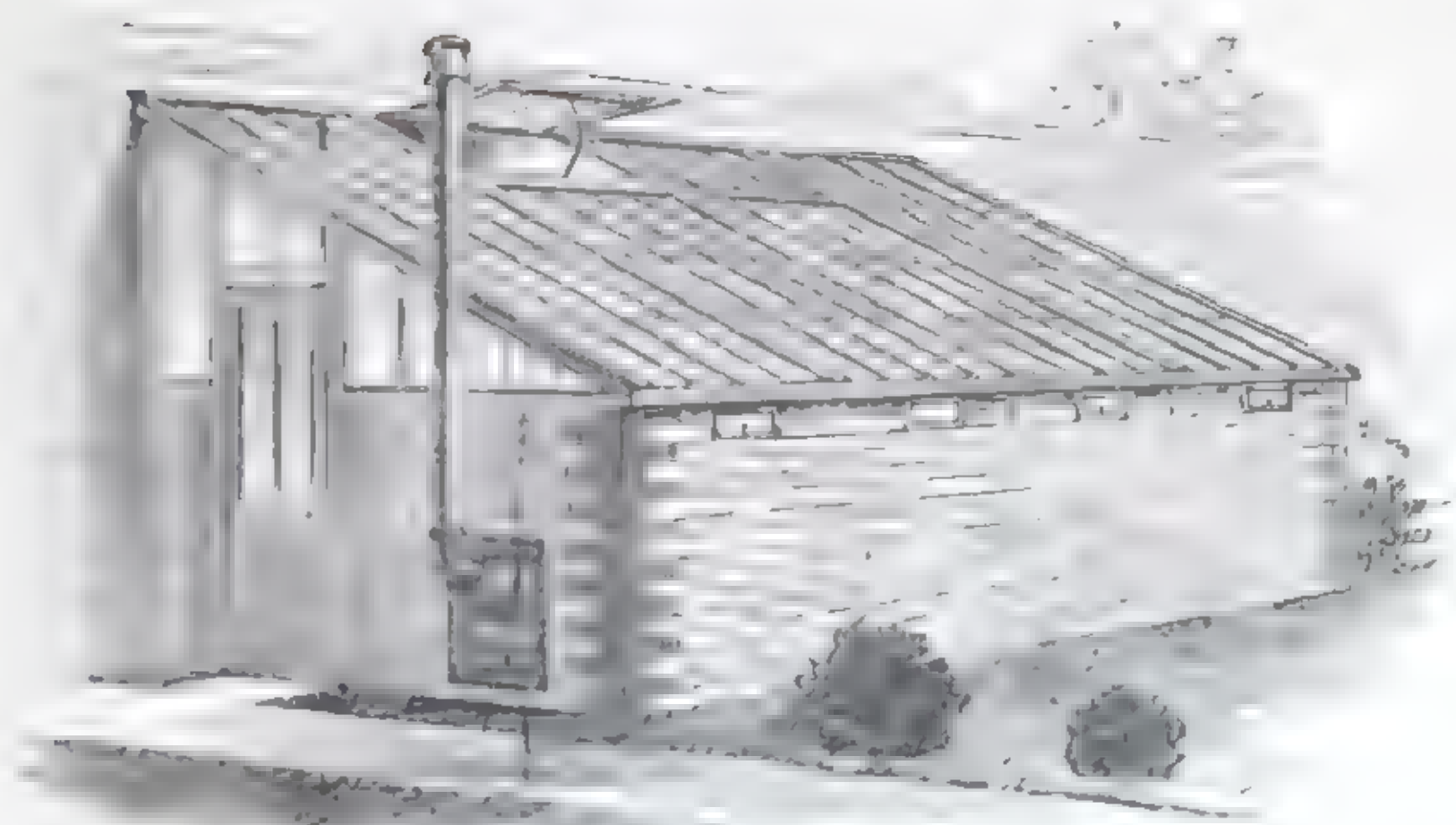
CROMPTON & FAWKES, CHELMSFORD.



# Plain Greenhouses or Forcing Houses. Without Side Lights.

These Greenhouses are similar to our Greenhouse (Nos. 302, 303, & 330) described on the three preceding pages, but instead of vertical opening sashes, bottom ventilation is provided by wood flaps under the plates in every bay; and the dwarf brick walls are intended to be 4 feet high instead of 2 feet 6 in. The best seasoned red deal is used in the construction, and the plates are weathered. Two glazing ends are included, and one door, with sill, fitted to whichever end is desired. Sufficient glass is provided for glazing the whole. Top ventilation is provided by glazing lights hinged to ridge in alternate bays on one side of the 8 feet and 10 feet widths, and on both sides of the 12 feet and 14 feet widths of the Spanhouses, and uniformly in alternate bays of the Lean to and Three-quarter Spanhouses, all worked by proper set opens and pulleys. Proper T-iron purlins are provided for roofs where necessary: and the principals, where required, are provided with supporting posts. Cast-iron gutters and down pipes, as far as ground line, are included. The framework is painted priming coat, and the whole carefully packed and delivered, carriage free, to any Goods Railway Station in England. Cost of fixing and interior fittings on application.

NOTE.—When necessary, head-room may be increased by slightly sinking the path.



Lean-to Greenhouse. No. 304.

Length.	8 feet wide.		10 feet wide.		12 feet wide.		14 feet wide.	
	with 16-oz. glass.		with 21-oz. glass.		with 16-oz. glass.		with 21-oz. glass.	
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
10 feet	6 14 0	7 5 6	8 10 0	9 5 0	12 17 6	14 2 0	14 12 0	16 0 0
15 "	8 12 0	9 7 0	10 15 6	11 15 0	15 3 6	16 14 0	17 18 6	19 14 0
20 "	10 5 6	11 4 6	12 15 6	14 0 0	18 2 0	19 18 0	21 5 0	23 7 0
25 "	11 15 6	12 18 0	14 12 0	16 1 0	21 0 0	23 2 0	24 12 0	27 0 0
30 "	13 2 0	14 8 0	16 19 6	18 13 6	23 18 6	26 6 6	27 18 6	30 14 0
35 "	14 19 6	16 9 6	19 7 6	21 6 6	26 17 0	29 11 0	31 5 0	34 7 0
40 "	16 17 0	18 11 0	21 15 0	23 18 6	32 14 0	35 17 6	37 18 0	41 14 0
50 "	20 12 0	22 13 0	26 10 0	29 3 0	4 feet.	4 feet.	4 feet.	4 feet.
Height at front	4 feet.	4 feet.	4 feet.	4 feet.	4 feet.	4 feet.	4 feet.	4 feet.
Height at back	8 ft. 3 in.	8 ft. 3 in.	9 ft. 3 in.	9 ft. 3 in.	10 ft. 3 in.	10 ft. 3 in.	11 ft. 3 in.	11 ft. 3 in.



Span Greenhouse. No. 305.

Length.	8 feet wide.		10 feet wide.		12 feet wide.		14 feet wide.	
	with 16-oz. glass.		with 21-oz. glass.		with 16-oz. glass.		with 21-oz. glass.	
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
10 feet	6 14 0	7 5 6	8 10 0	9 5 0	12 17 6	14 2 0	14 12 0	16 0 0
15 "	8 12 0	9 7 0	10 15 6	11 15 0	15 3 6	16 14 0	17 18 6	19 14 0
20 "	10 5 6	11 4 6	12 15 6	14 0 0	18 2 0	19 18 0	21 5 0	23 7 0
25 "	11 15 6	12 18 0	14 12 0	16 1 0	21 0 0	23 2 0	24 12 0	27 0 0
30 "	13 2 0	14 8 0	16 19 6	18 13 6	23 18 6	26 6 6	27 18 6	30 14 0
35 "	14 19 6	16 9 6	19 7 6	21 6 6	26 17 0	29 11 0	31 5 0	34 7 0
40 "	16 17 0	18 11 0	21 15 0	23 18 6	32 14 6	35 17 6	37 18 0	41 14 0
50 "	20 12 0	22 13 0	26 10 0	29 3 0	4 feet.	4 feet.	4 feet.	4 feet.
Height to eaves	4 feet.	4 feet.	4 feet.	4 feet.	4 feet.	4 feet.	4 feet.	4 feet.
Height to ridge	6 feet.	6 feet.	6 ft. 6 in.	6 ft. 6 in.	7 feet.	7 feet.	7 ft. 6 in.	7 ft. 6 in.



Three-quarter Span Greenhouse. No. 331.

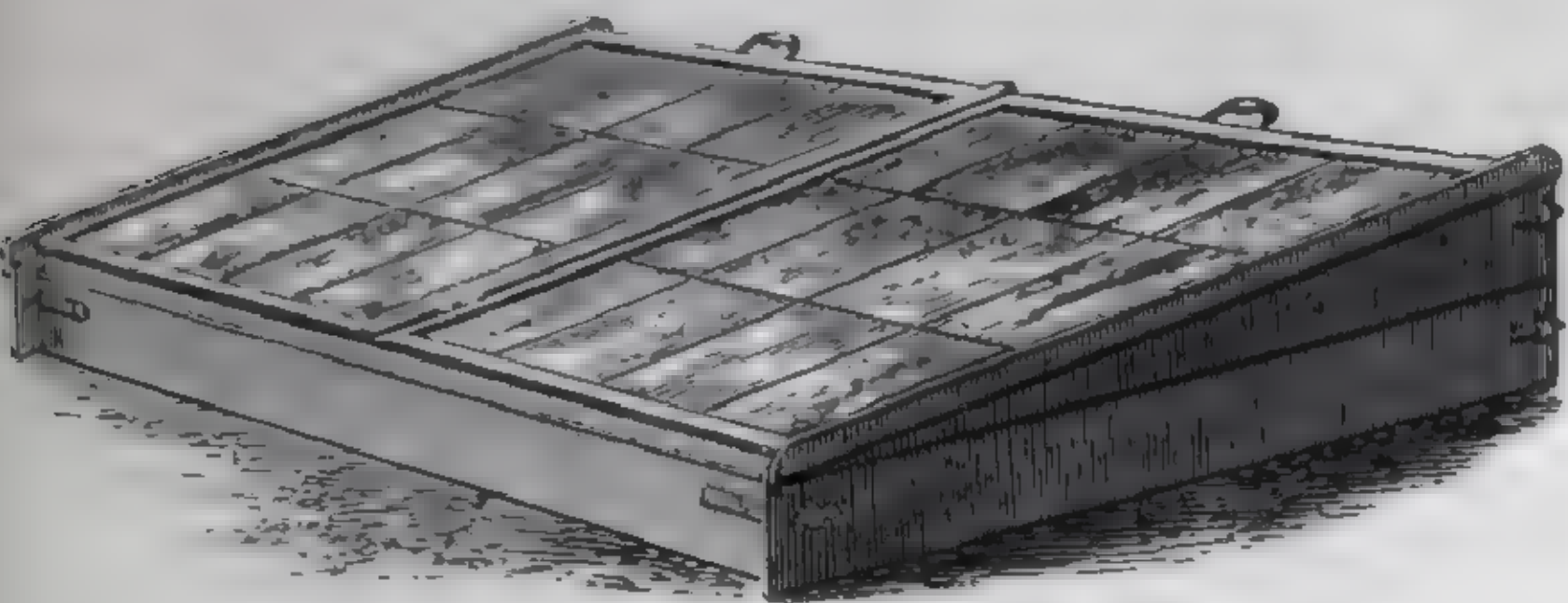
Length.	8 feet wide.		10 feet wide.		12 feet wide.		14 feet wide.	
	with 16-oz. glass.		with 21-oz. glass.		with 16-oz. glass.		with 21-oz. glass.	
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
10 feet	6 14 0	7 5 6	8 10 0	9 5 0	12 17 6	14 2 0	14 12 0	16 0 0
15 "	8 12 0	9 7 0	10 15 6	11 15 0	15 3 6	16 14 0	17 18 6	19 14 0
20 "	10 5 6	11 4 6	12 15 6	14 0 0	18 2 0	19 18 0	21 5 0	23 7 0
25 "	11 15 6	12 18 0	14 12 0	16 1 0	21 0 0	23 2 0	24 12 0	27 0 0
30 "	13 2 0	14 8 0	16 19 6	18 13 6	23 18 6	26 6 6	27 18 6	30 14 0
35 "	14 19 6	16 9 6	19 7 6	21 6 6	26 17 0	29 11 0	31 5 0	34 7 0
40 "	16 17 0	18 11 0	21 15 0	23 18 6	32 14 6	35 17 6	37 18 0	41 14 0
50 "	20 12 0	22 13 0	26 10 0	29 3 0	4 feet.	4 feet.	4 feet.	4 feet.
Height to eaves	4 feet.	4 feet.	4 feet.	4 feet.	4 feet.	4 feet.	4 feet.	4 feet.
Height of back wall about	5 ft. 6 in.	5 ft. 6 in.	6 ft. 6 in.	6 ft. 6 in.	7 ft. 6 in.	7 ft. 6 in.	8 ft. 6 in.	8 ft. 6 in.



# Frames, Plant Protectors, and Lights.

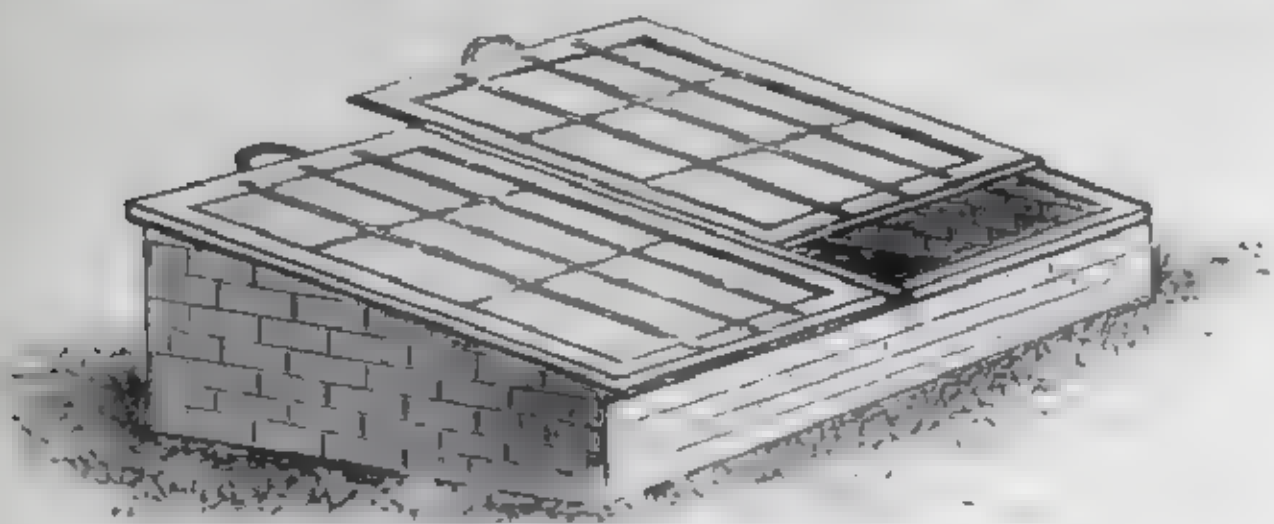
In all cases (except where specified) these are packed and delivered carriage paid to any Goods Railway Station in England.

These Frames, the most substantial and durable manufactured, are made of the best seasoned red deal. An intermediate bearing rafter is fitted between each of the lights. The lights are glazed 21-oz. glass, sprigged and puttied in, and each light has an iron strengthening rod and a handle. The frame is fitted with iron staples and iron wedges, and can be put together or taken apart in a few moments. The wood-work is painted three coats good oil colour. No charge for packing.



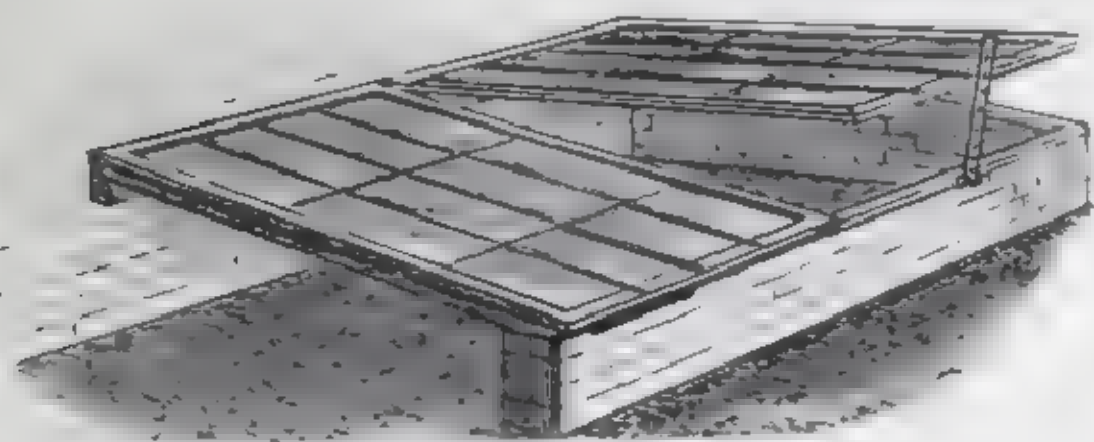
Portable Cucumber and Plant Frames. No. 310.

PRICES OF NO. 310.				£	s.	d.
1	light frame, 4 feet by 6 feet	..	..	2	0	0
2	" " 8 " " "	..	..	3	0	0
3	" " 12 " " "	..	..	4	0	0



No. 311.

These are exactly similar to above, with the exception that they are prepared for placing on brickwork. The lights can be supplied either to slide or to open on hinges with set-opens as shown; and the sills and bearers can be made either to rest on brickwork all round, or to be fastened to the face of a brick wall at back, in case the frame is required to be placed against the dwarf wall of a Greenhouse. The annexed prices are supposing that the lights slide; if hinged and fitted with adjustable set-opens, the price will be 1/- per light extra. No charge for packing.



No. 311a.

PRICES OF NO. 311.		5 feet wide.			6 feet wide.		
Sills, &c.,	2 lights, 8 feet long	..	..	£ 2 14 0	£ 2 15 6		
3	" 12 "	..	..	3 10 0	3 10 6		
4	" 16 "	..	..	4 10 0	4 17 0		
5	" 20 "	..	..	5 10 0	6 0 0		
6	" 24 "	..	..	6 10 0	7 2 6		

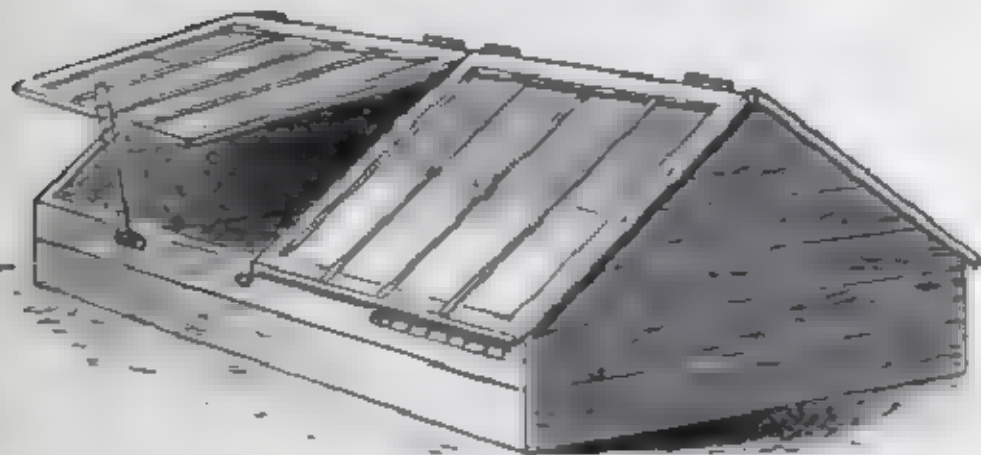
Cucumber and Plant Frames for Brickwork.

## LIGHTS ONLY.

6 feet x 4 feet unglazed and unpainted, 5s. 6d. each.      6 feet x 4 feet, glazed 21-oz., painted three coats, 14s. each.

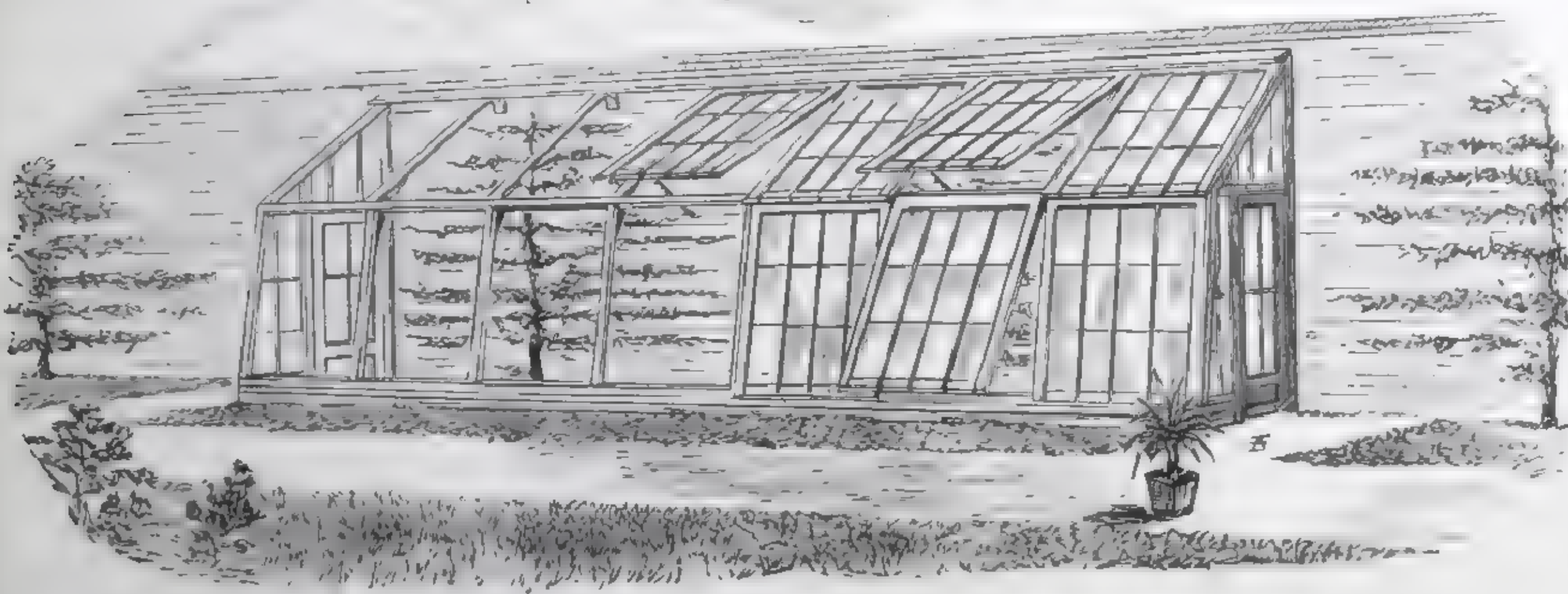
*Carriage forward unless in large quantities.*

A most substantial, efficient, and durable portable Plant Protector. The sashes are glazed with 21-oz. glass, sprigged and puttied; they are provided with adjustable set-opens as shown, and the lights are made to turn right over. Wood side and one pair of ends are included in the price. The wood-work is painted three coats good oil colour. No charge for packing.



				£	s.	d.
6 feet long, 4 feet wide	..	..	..	2	4	0
12 " 4 "	..	..	..	4	0	0
12 feet long, 5 feet wide	..	..	..	4	15	0
12 " 6 "	..	..	..	5	12	0

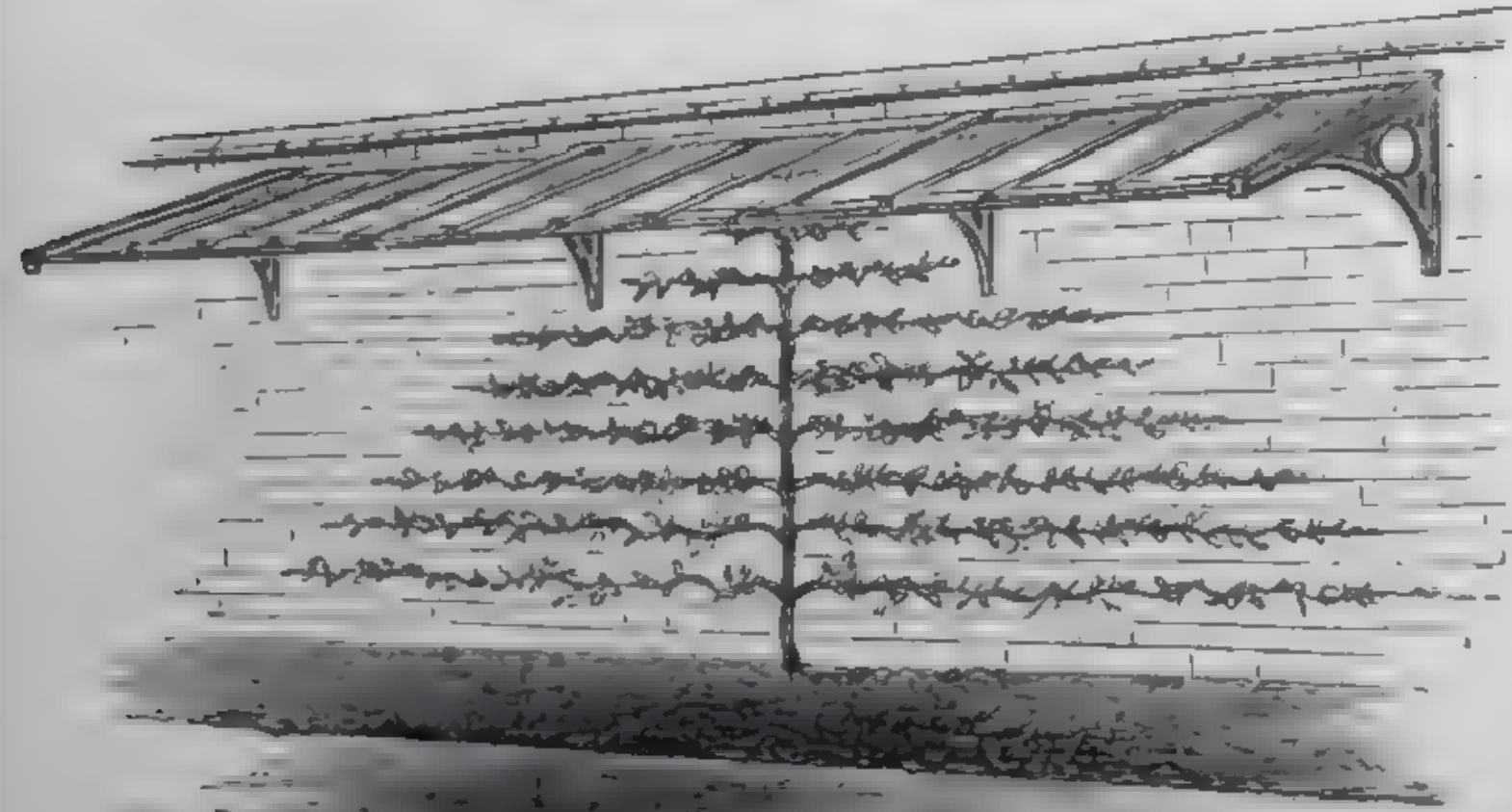
Span Plant Protectors. No. 312.



Fawkes' Improved Wall Tree Cover. No. 317.

This Cover is exceptionally useful for the cultivation of wall fruit. Upon the roof and front are lights held by special hinges, so constructed that the lights may be unhooked in a moment when it is necessary to do so. Each light is provided with an adjustable set-open, so that ventilation to any extent may be effected from the inside or out. The lights when not required for the cover, can be used for protecting bedding plants; and in any case the front part of the cover may be used for growing pot strawberries, small salad, &c. The lights are 4 feet wide. The roof ribs are hollowed in the centre to carry to the front any drip or rain which may find its way between the roof sashes. The wood work is painted two coats good oil colour; 21-oz. glass cut to proper size is included. No charge for packing. Carriage paid to any Goods Railway Station in England on 12 feet run or over.

No.	8 ft. high back 4 ft. 6 in. wide			10 ft. high back 6 ft. wide		
	£	s.	d.	£	s.	d.
Price per foot run	0	10	0	0	12	0
Ends with doors, each	1	0	0	1	3	0
Ends without doors, each	0	15	0	0	17	6



Improved Portable Glass Wall Coping. No. 318.

This Coping is constructed with lights which are made to slide in the brackets and are held in position by clips, so that a long length of the glass coping can be taken down or put up in a few minutes. This is a far superior plan to those which involve handling single panes of glass. The lights are made in 6 feet lengths.

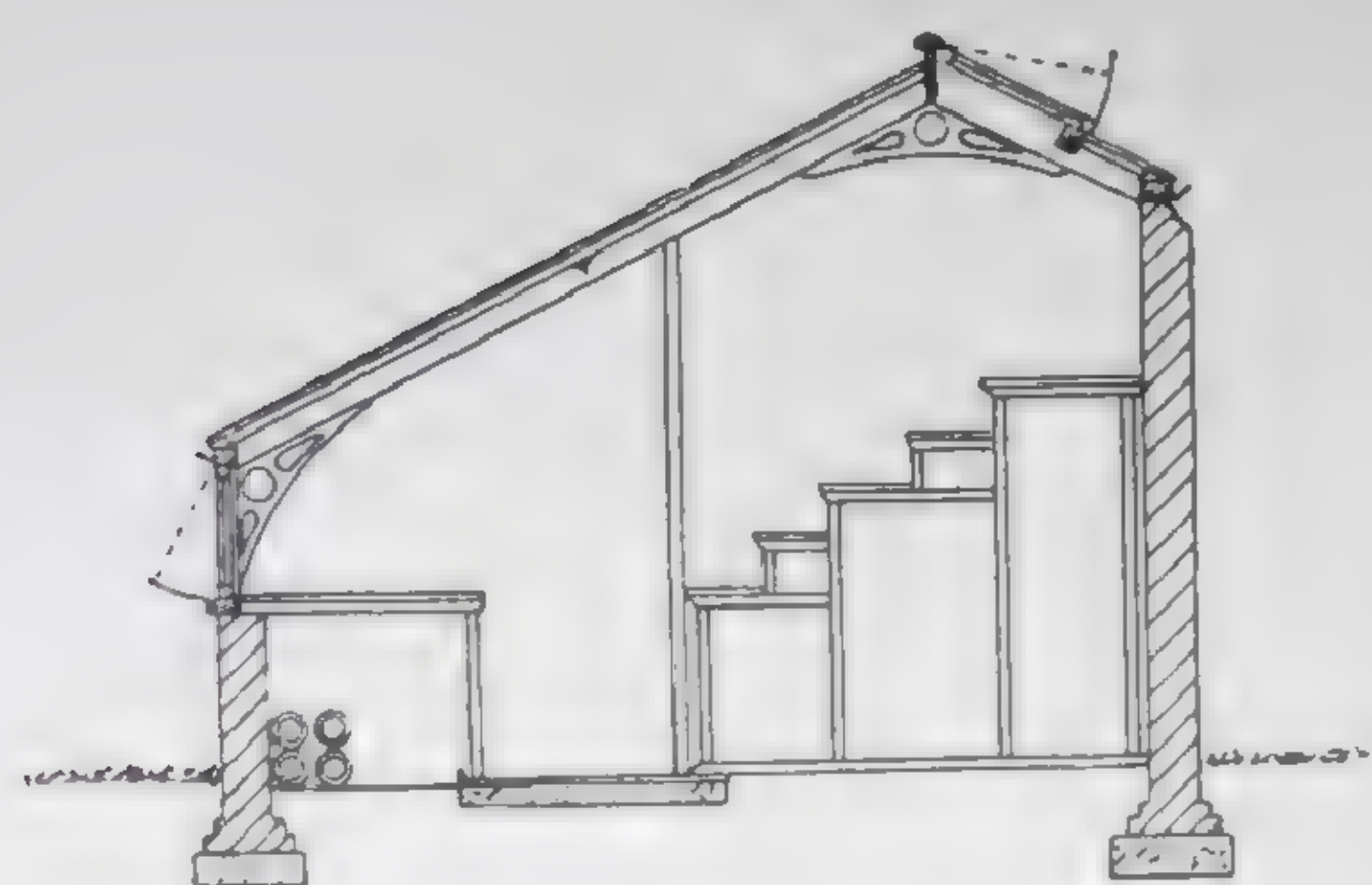
The price of the lights, glazed 21-oz. glass and painted three coats, brackets, clips, 9-inch wall bolts, carriage forward unless in large quantities,

2 ft.	projection, 2s. 6d. per foot run.
2 ft. 6 in.	" 3s. 0d. per foot run.
3 ft.	" 3s. 6d. per foot run.

CROMPTON & FAWKES,  
CHELMSFORD.

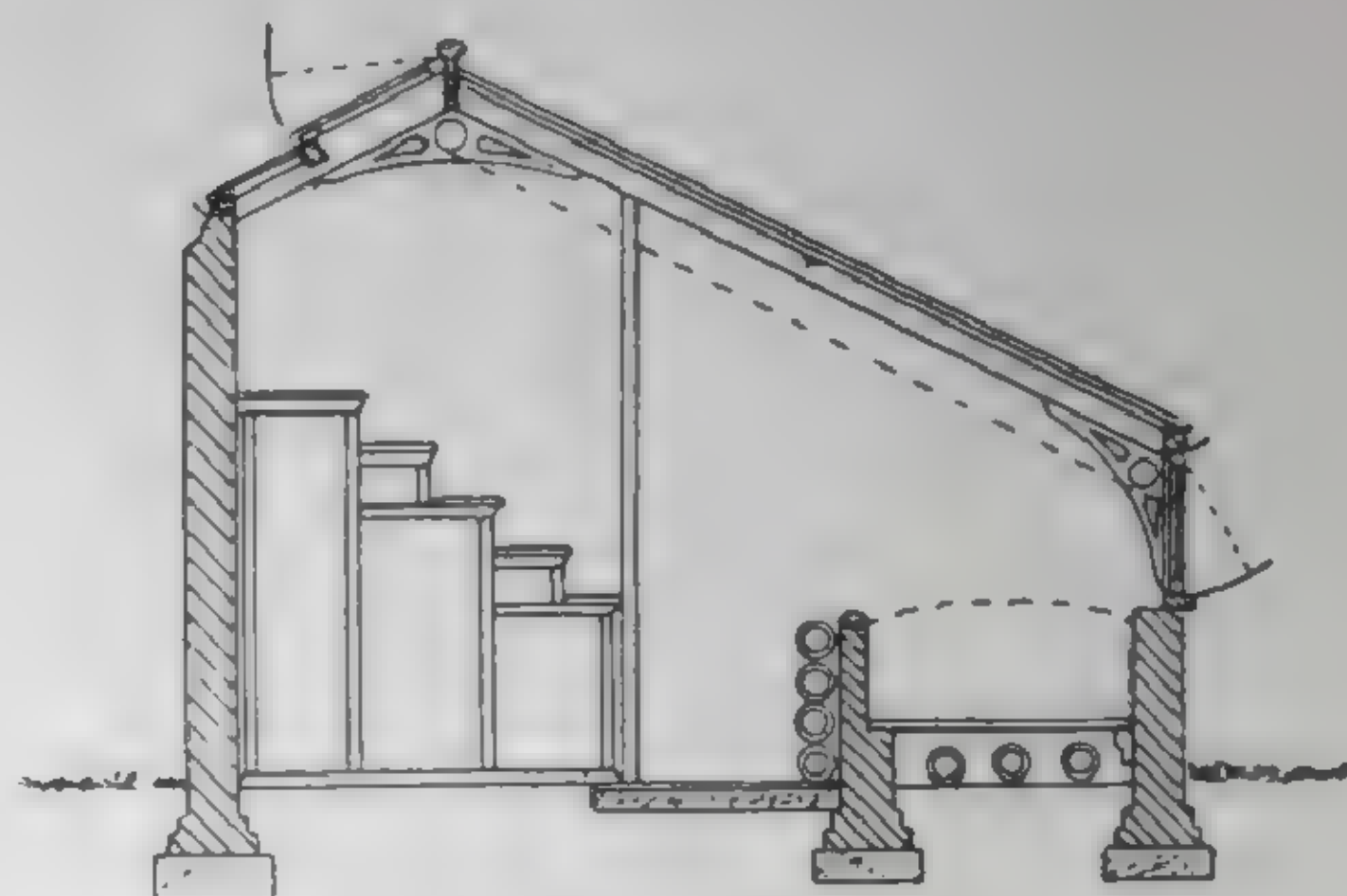


# Sections of Various Houses.



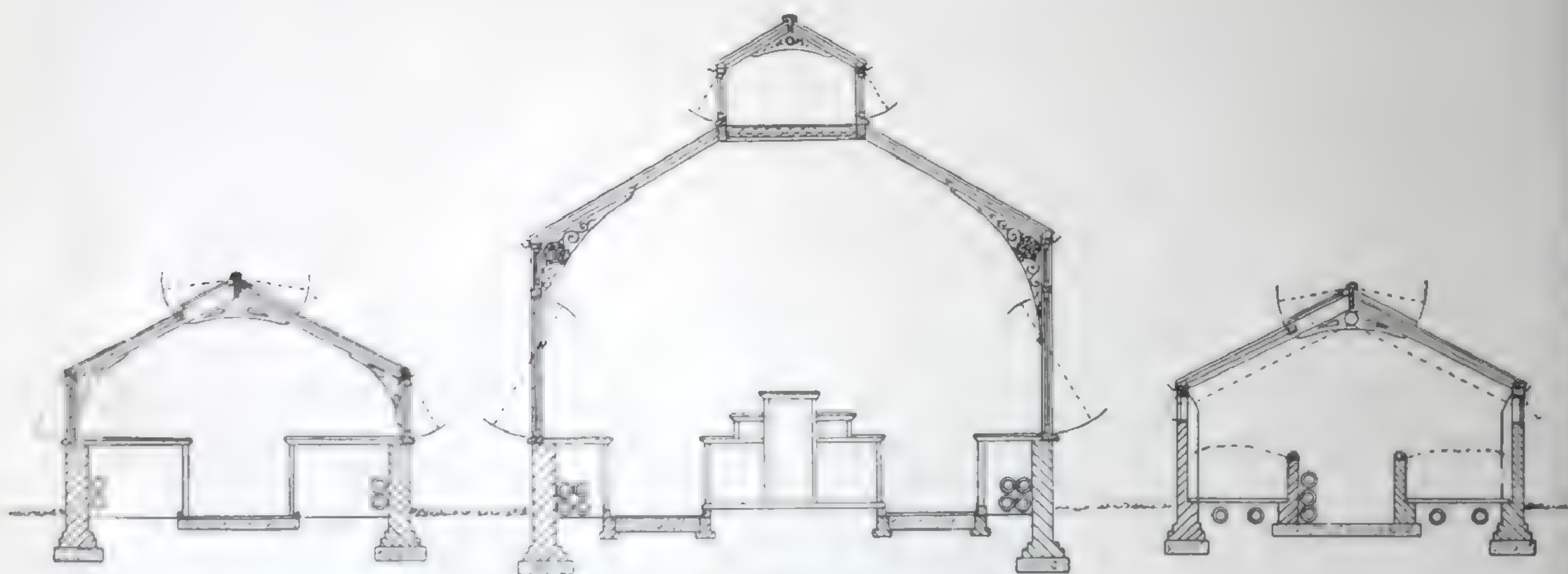
No. 401.

THREE-QUARTER SPAN PLANT HOUSE.



No. 402.

THREE-QUARTER SPAN COMBINED PLANT AND  
CUCUMBER OR MELON HOUSE.



No. 403.

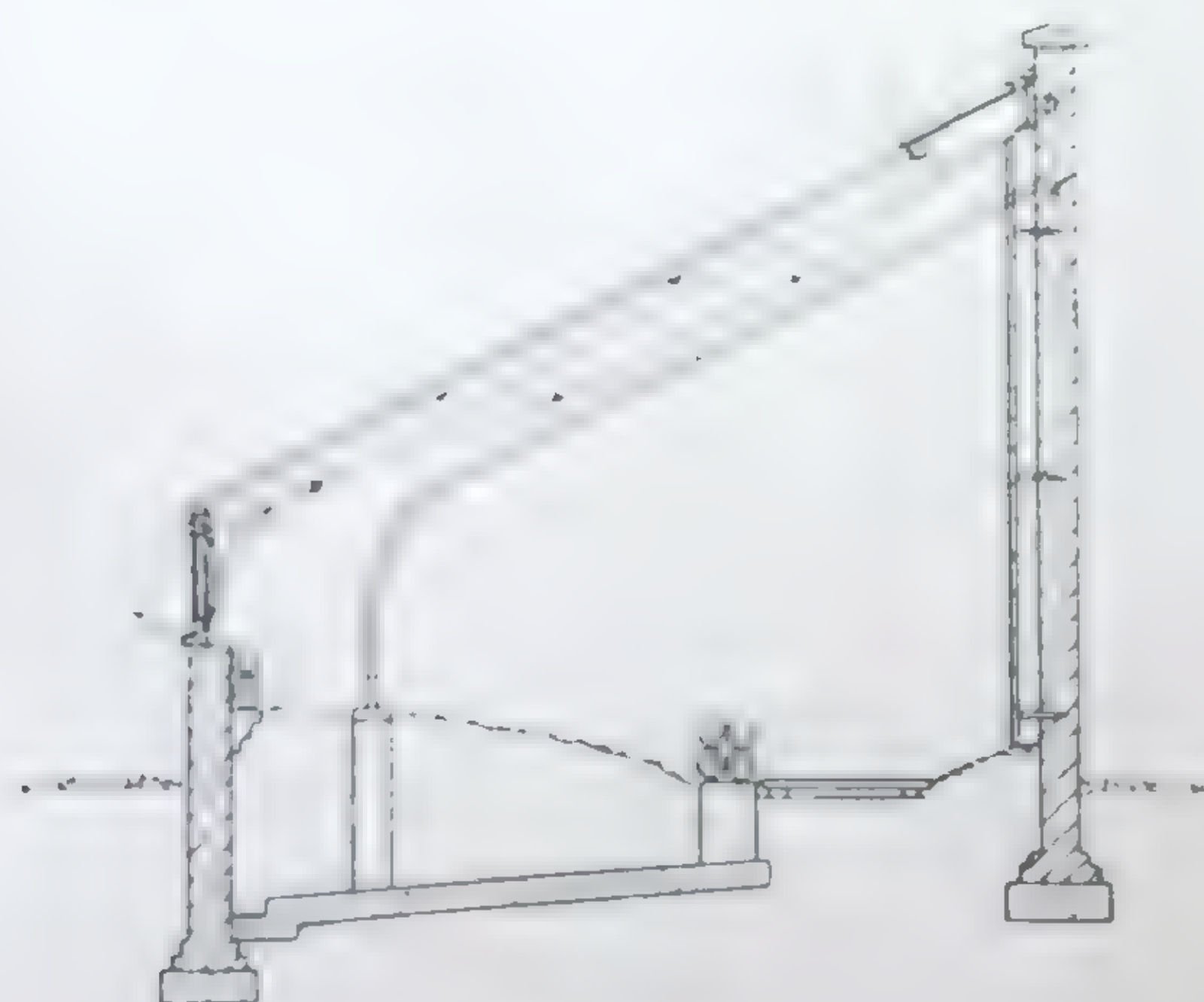
SPAN PLANT HOUSE.

No. 404.

SPAN CONSERVATORY WITH LANTERN.

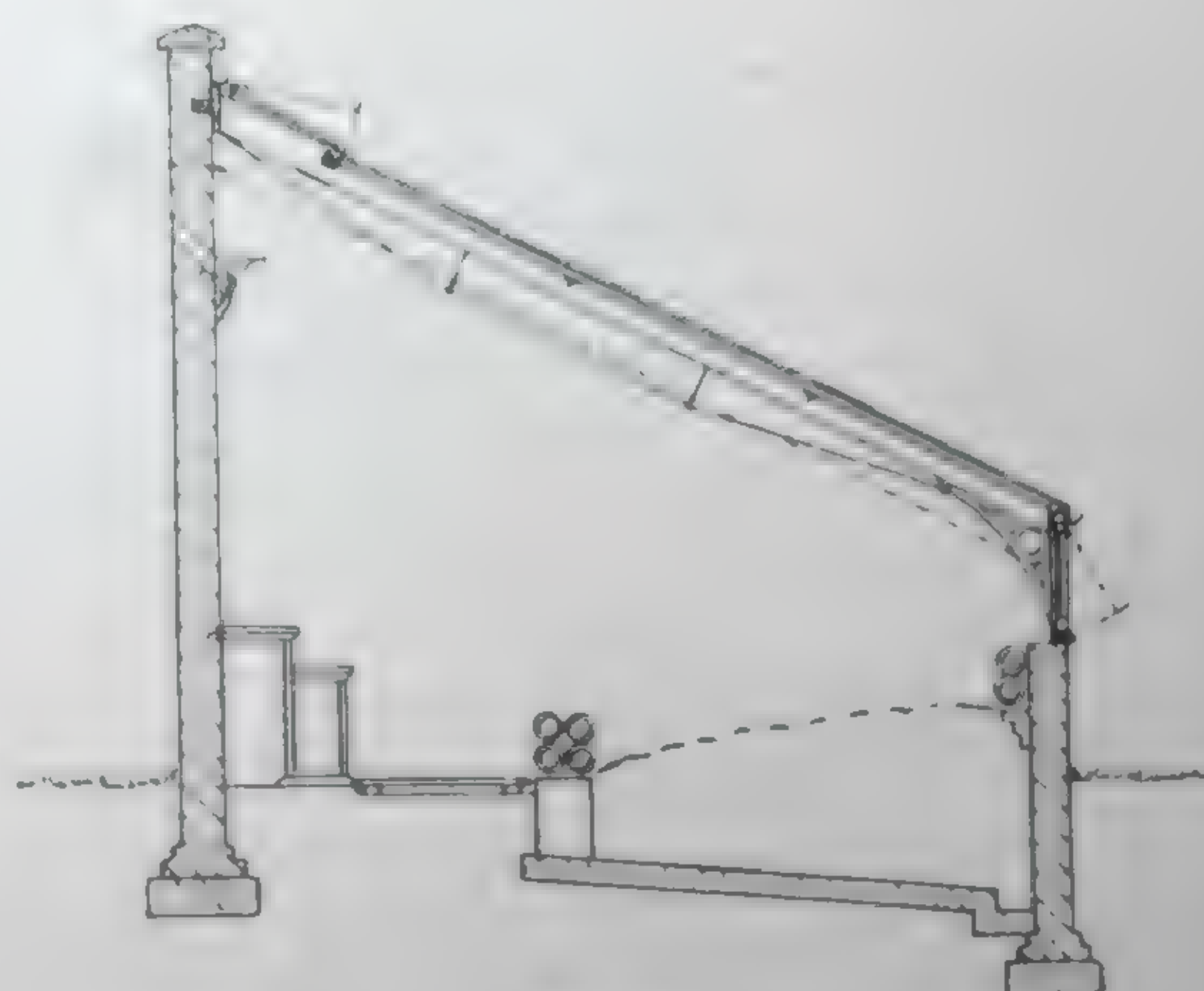
No. 405.

SPAN CUCUMBER OR MELON HOUSE  
WITHOUT SIDE LIGHTS.



No. 406.

LEAN-TO PEACH HOUSE.



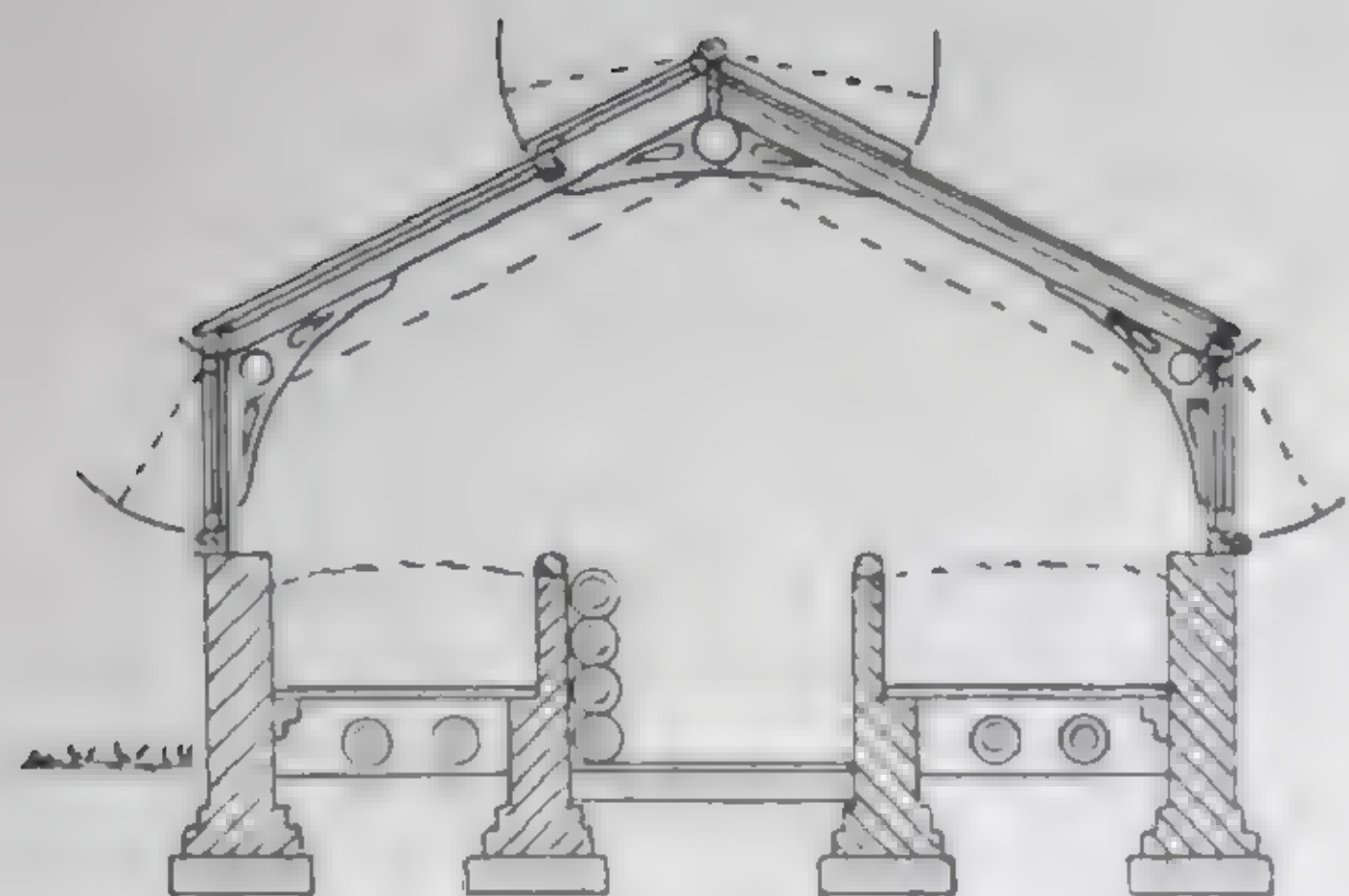
No. 407.

LEAN-TO VINEY.

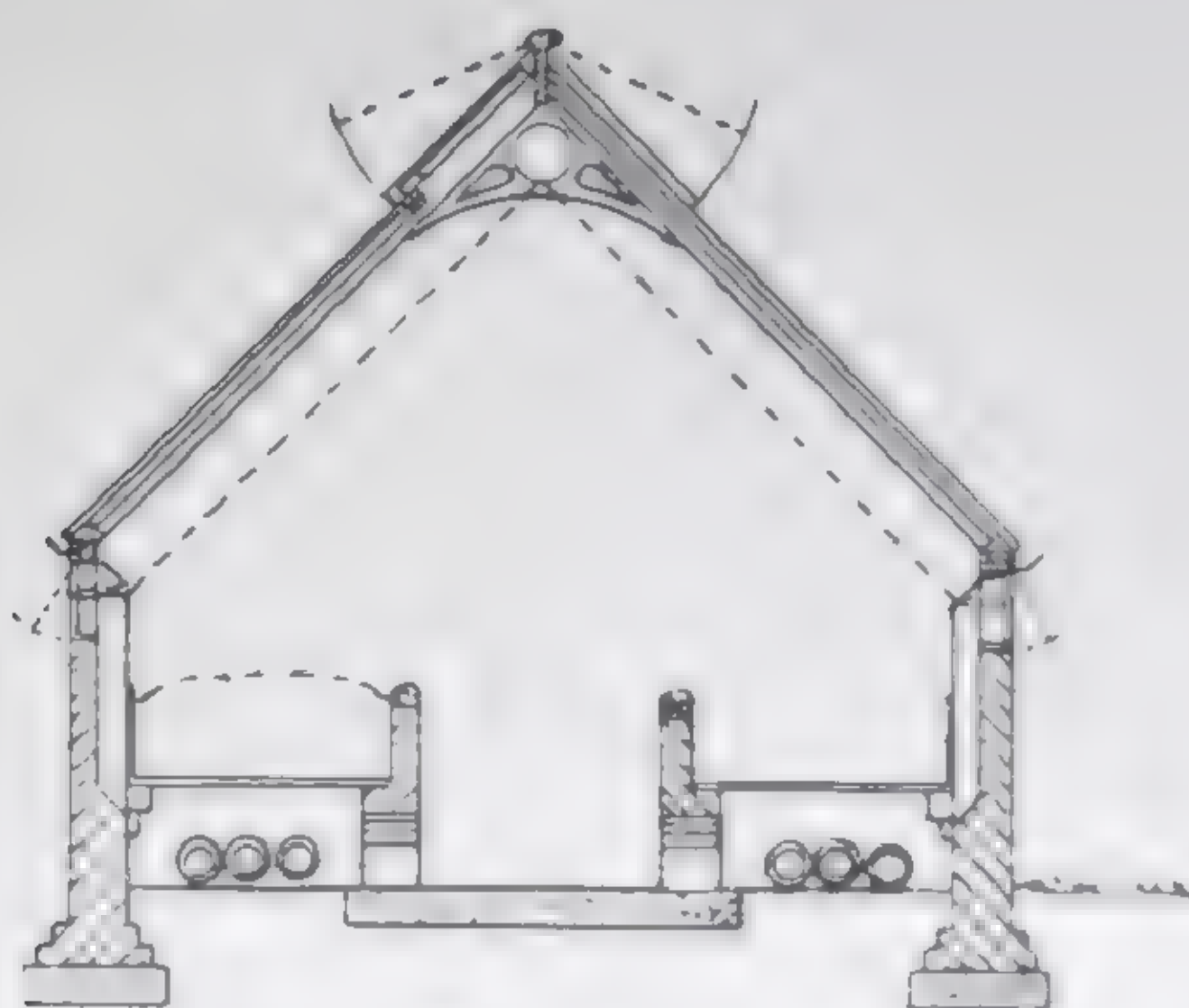
CROMPTON & FAWKES, CHELMSFORD.



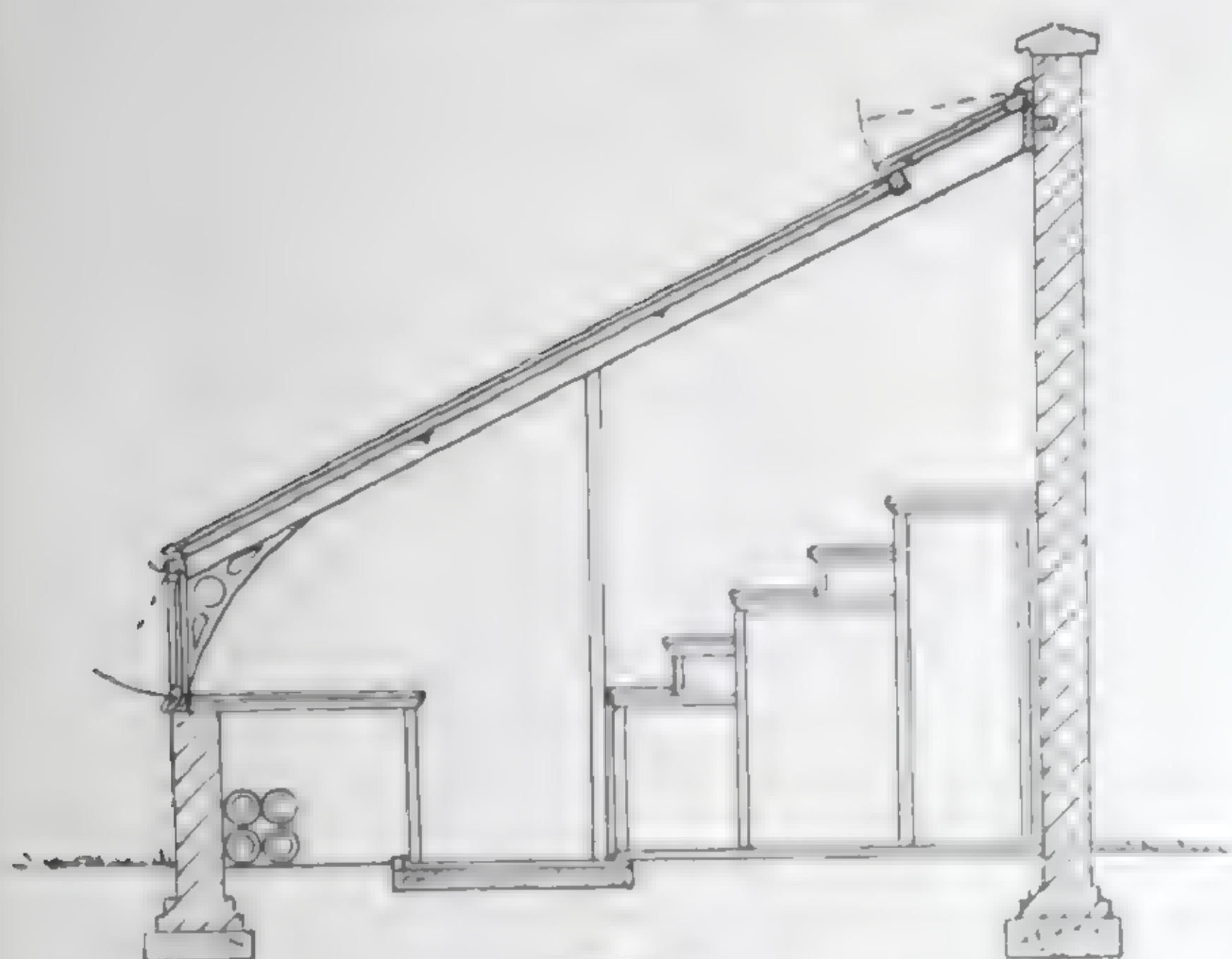
# Sections of Various Houses.



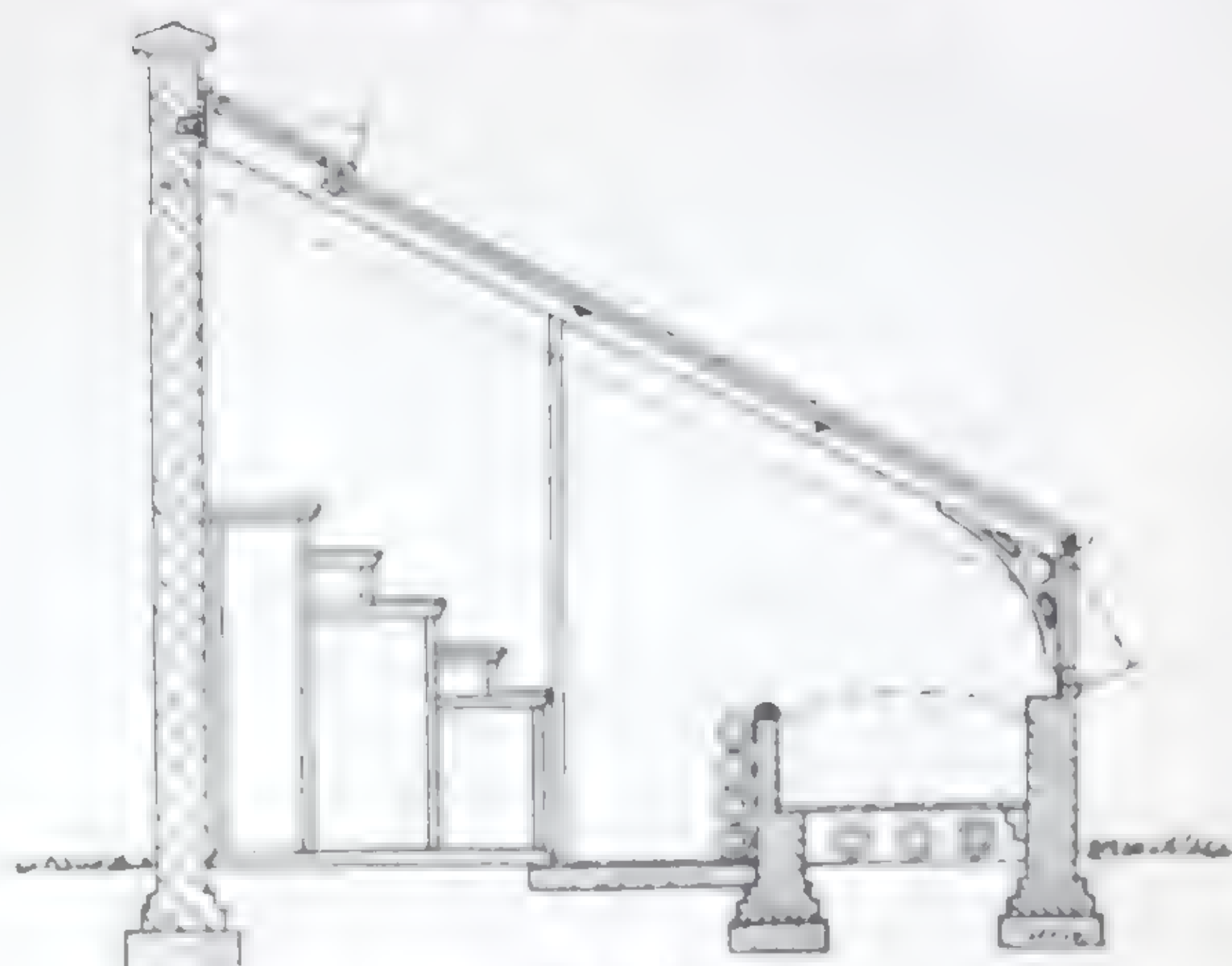
No. 428.  
SPAN CUCUMBER OR MELON HOUSE  
WITH SIDE LIGHTS.



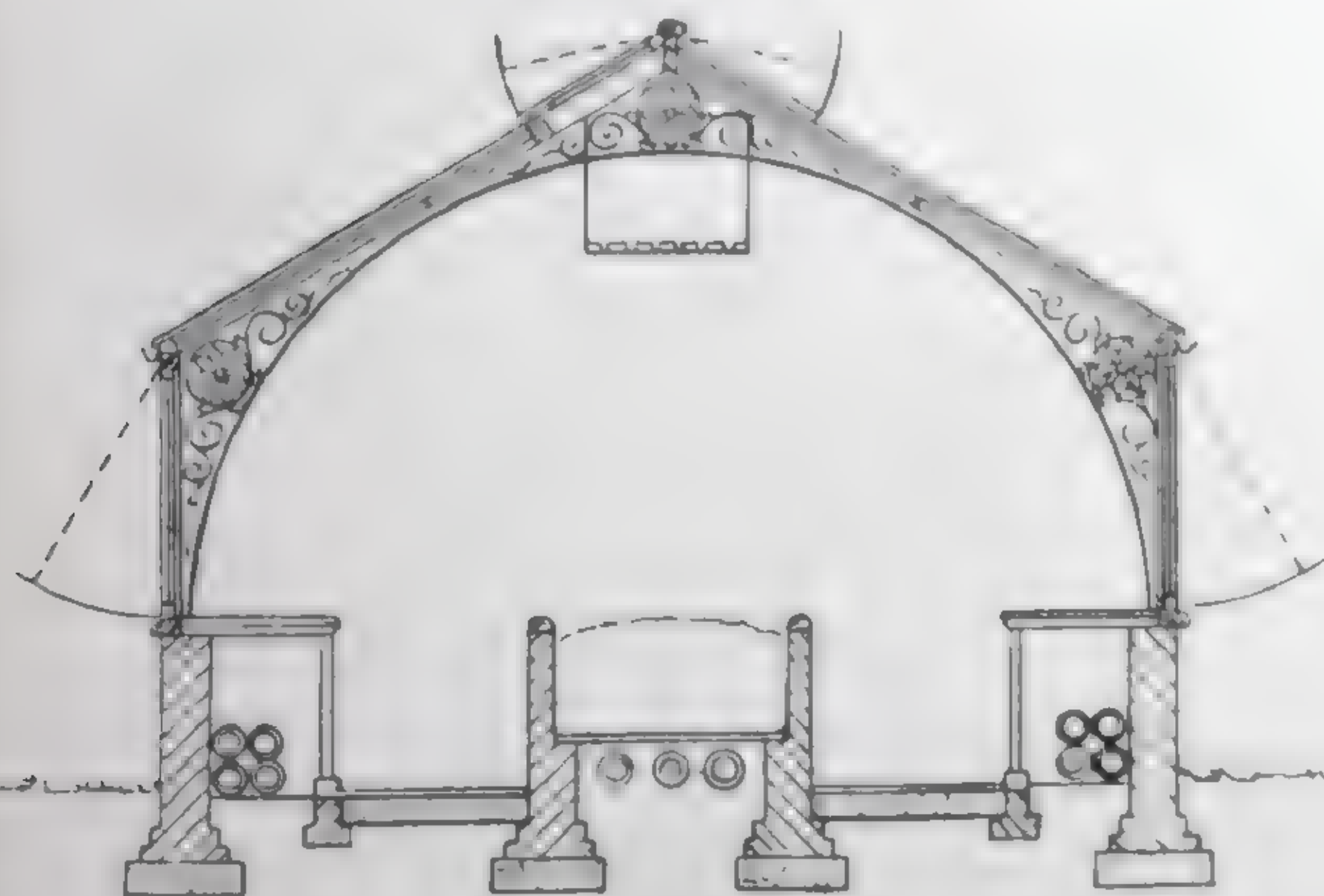
No. 409.  
HEATED SPAN POTATO HOUSE  
WITHOUT SIDE LIGHTS.



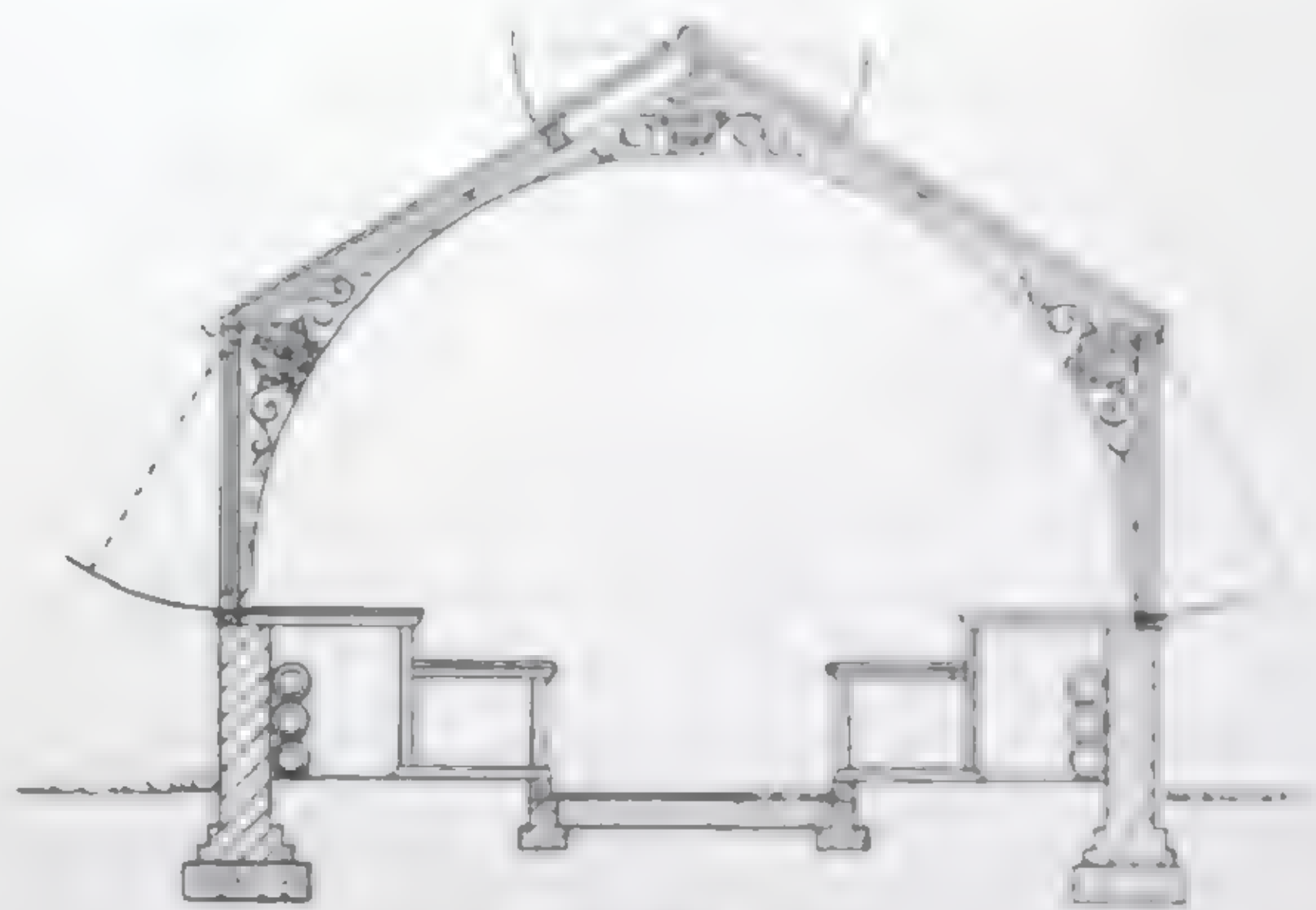
No. 410  
LEAN-TO PLANT HOUSE.



No. 411.  
HEATED CUCUMBER FRAME AND COVERED  
WALKWAY.



No. 412.  
SPAN ORCHID HOUSE.



No. 413.  
SPAN CUCUMBER HOUSE.



LEAN-TO HEATED PIT.



SPAN HEATED PIT.

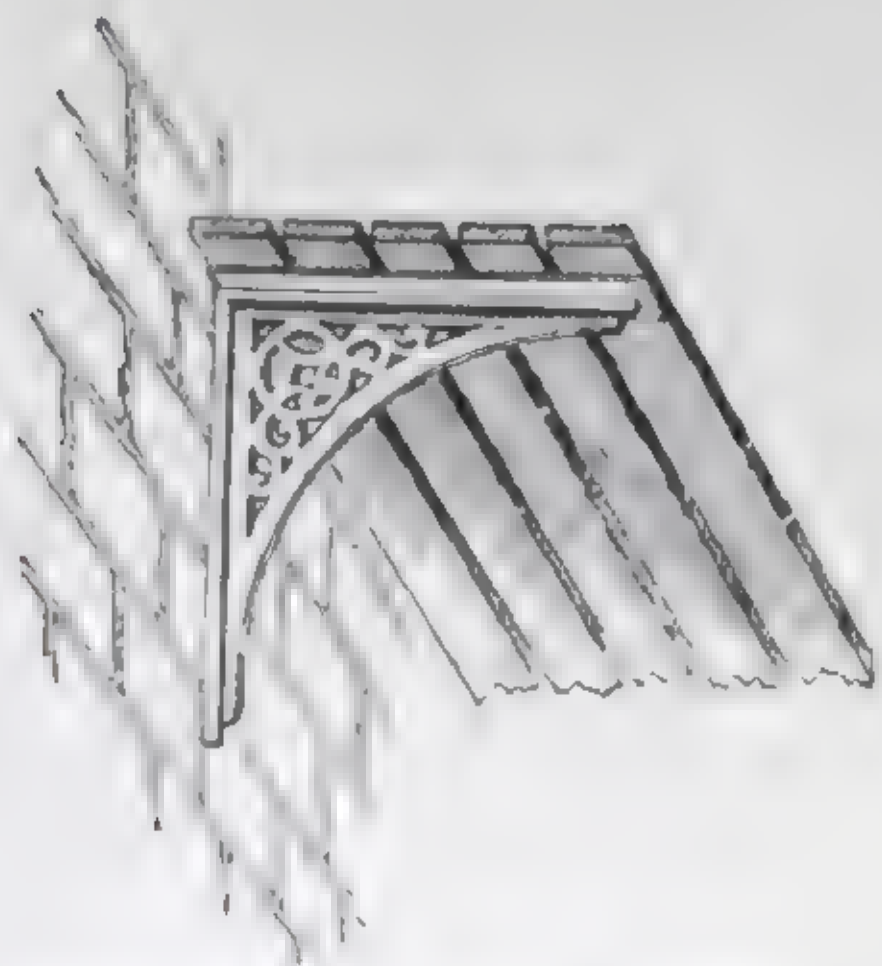


LEAN-TO CUCUMBER PIT.

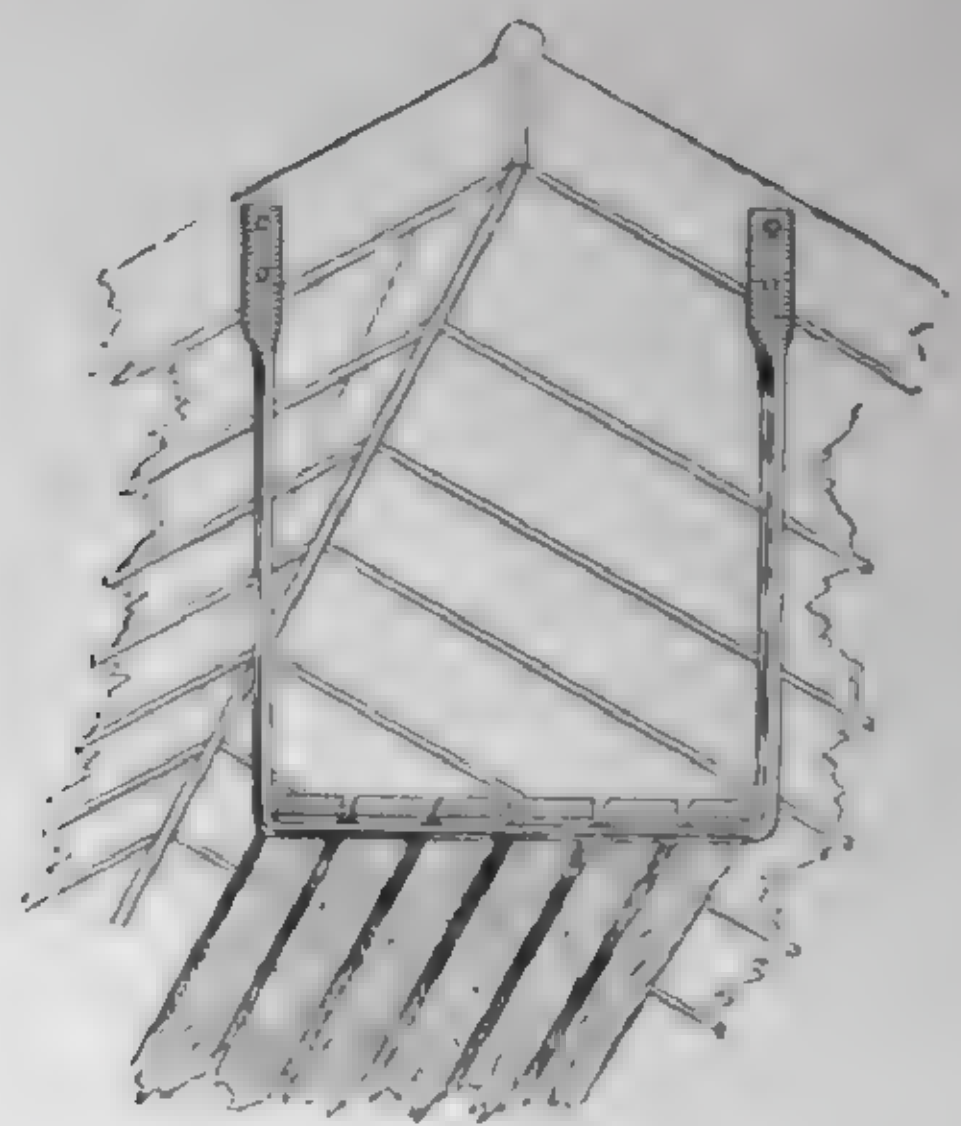
CROMPTON & FAWKES, CHELMSFORD.



# Stages and Shelves in Wood, Iron, and Slate.



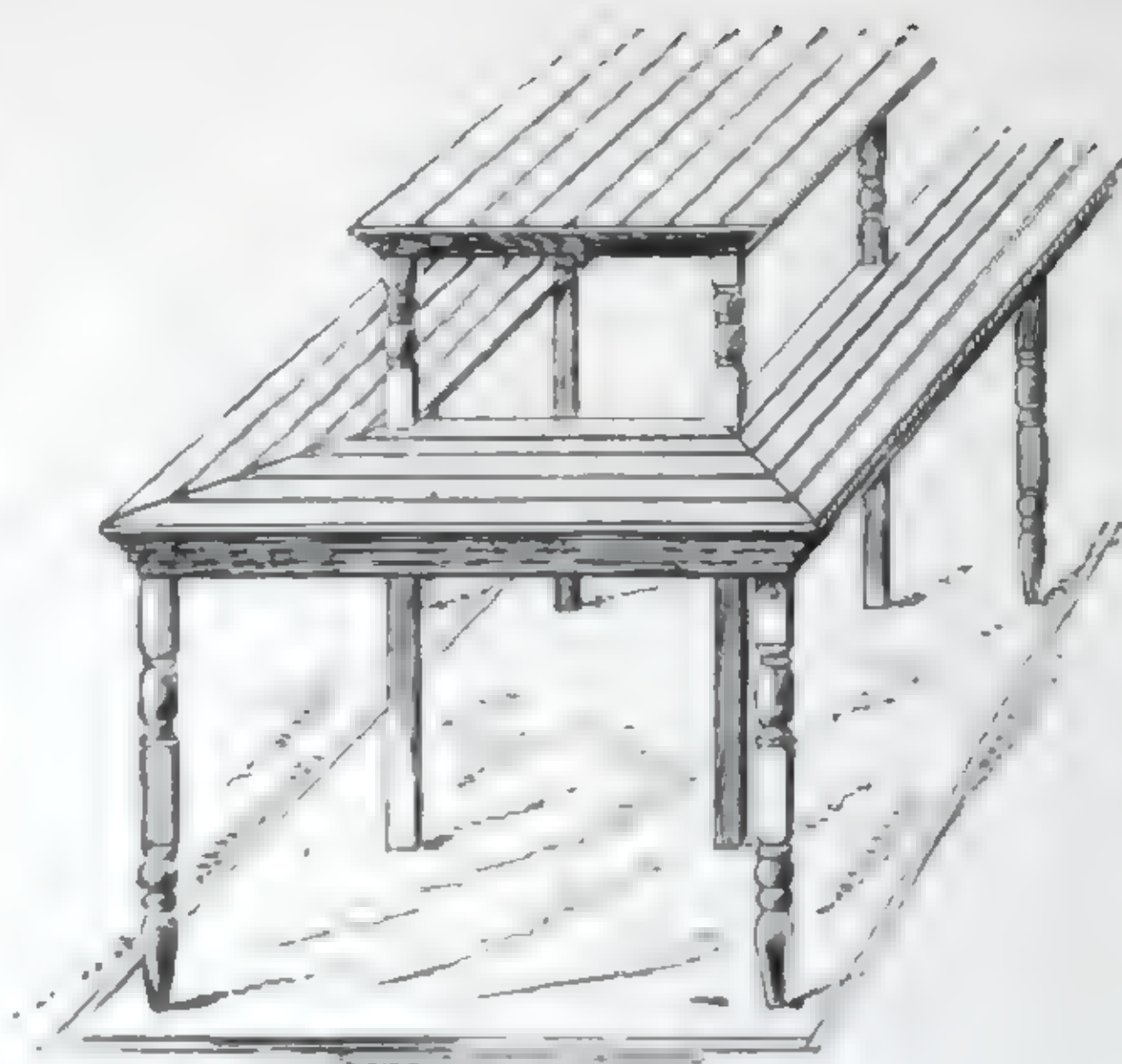
Bracketed Shelf, No. 344.



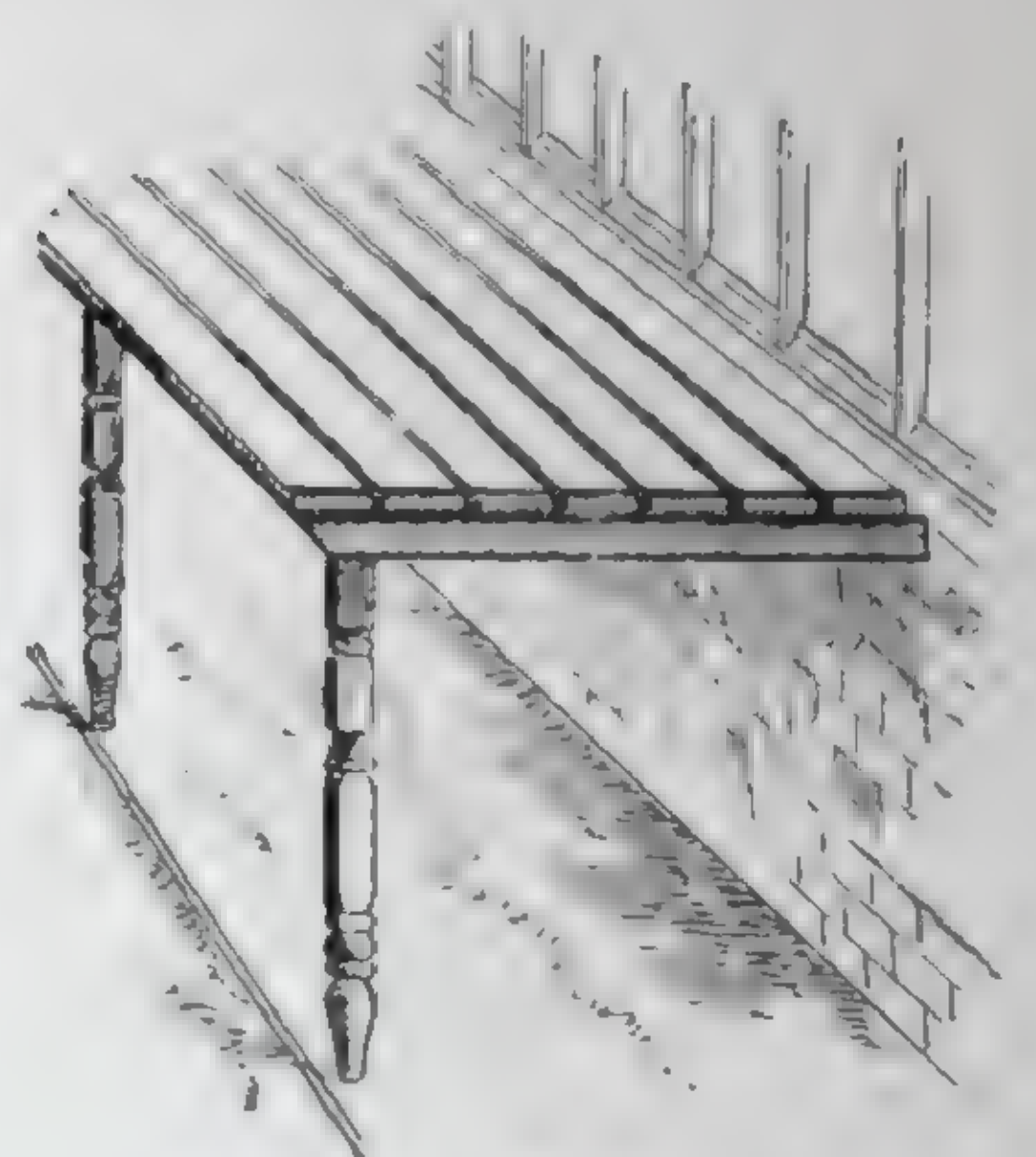
Hanging Shelf, No. 345.



Iron and Slate Stage, No. 348.



Tiered Centre Stage, No. 347.



Side Stage, No. 346.

Plans, full particulars, and prices given on application for wood stages, side or centre, flat or tiered, with plain, turned, or square turned legs. Also for iron and slate stages, flat or tiered, with plain or ornamental iron legs. Also for bracketed or bracketed shelves for strawberries, &c., for roofs and back walls.

## Simultaneous Ventilating Gear.

For front and side lights, in long or short lengths, for heavy or light sashes.

*Full particulars and prices on application.*



Simultaneous Gear for Side lights No. 342.

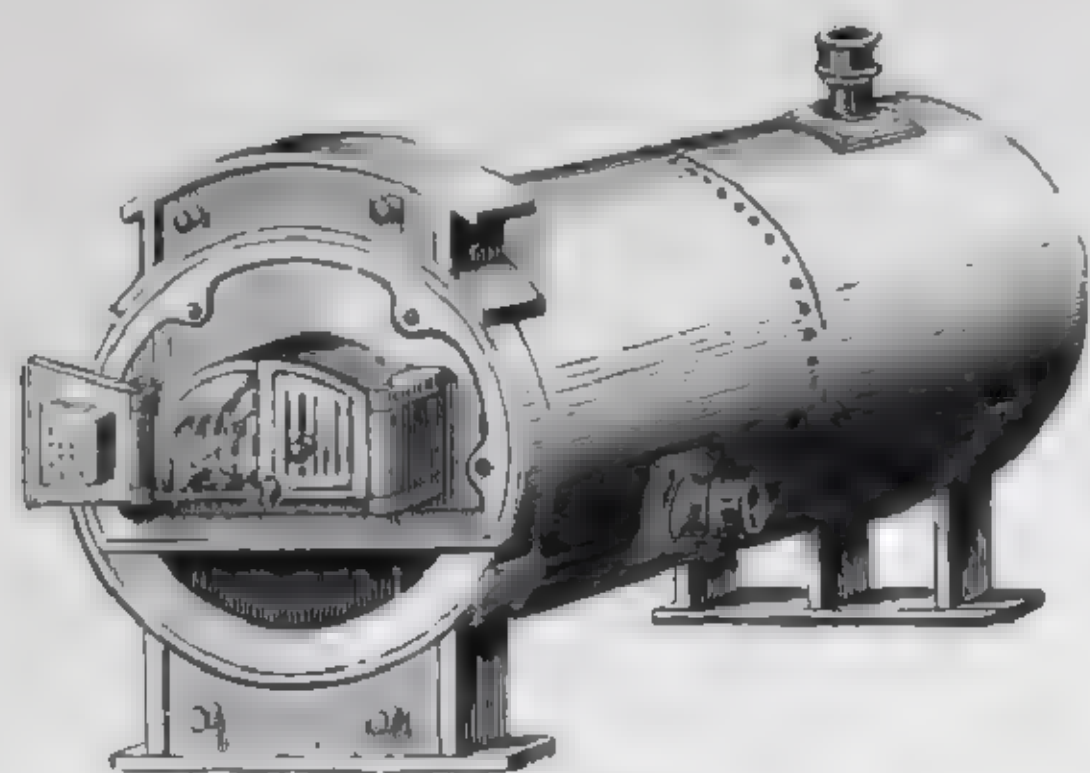


Simultaneous Gear for Roof lights No. 343.

CROMPTON & FAWKES, CHELMSFORD.



## Improved Trentham Cornish Boilers.

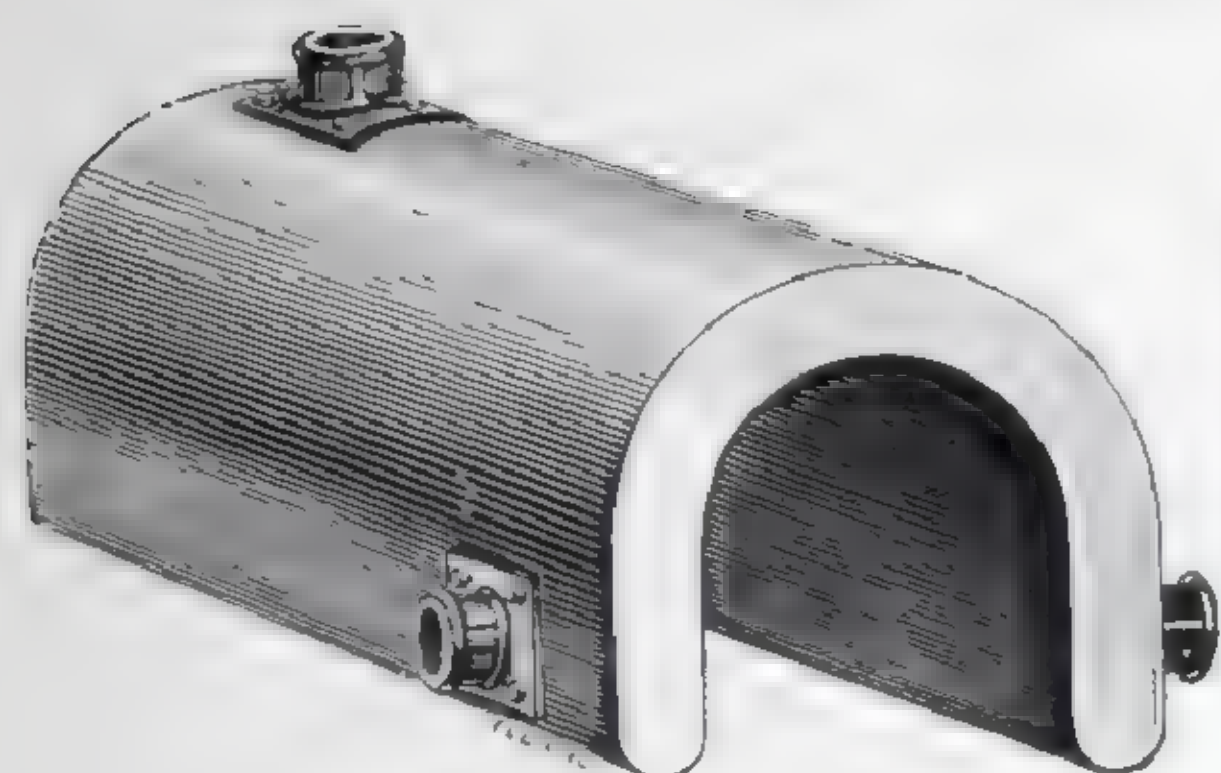


No. 354.

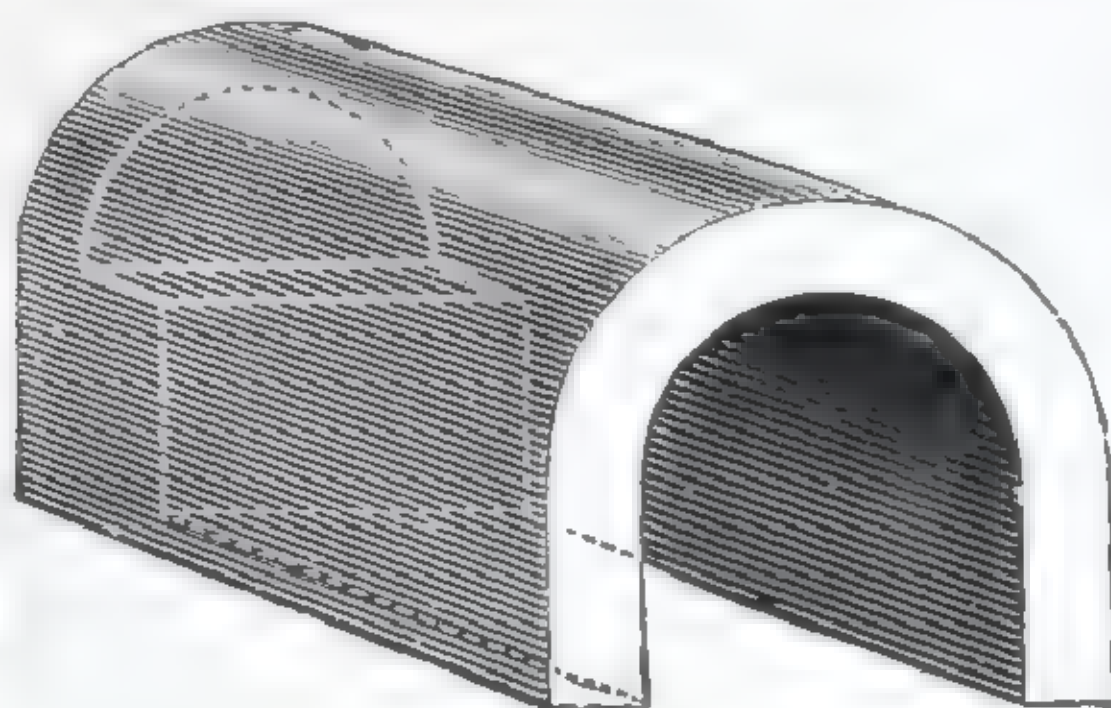
These boilers are great favourites where a large amount of pipe requires to be heated. They are easily stoked, will burn almost any fuel, have a large amount of heating surface, and are very efficient and reliable. We recommend them to have a check bridge end. Flow and return sockets of any size can be placed in any position required. We supply these boilers in a variety of sizes to heat up to 7,000 ft. of 4-in. pipe.

*Dimensions, full particulars, and prices of any sizes upon application.*

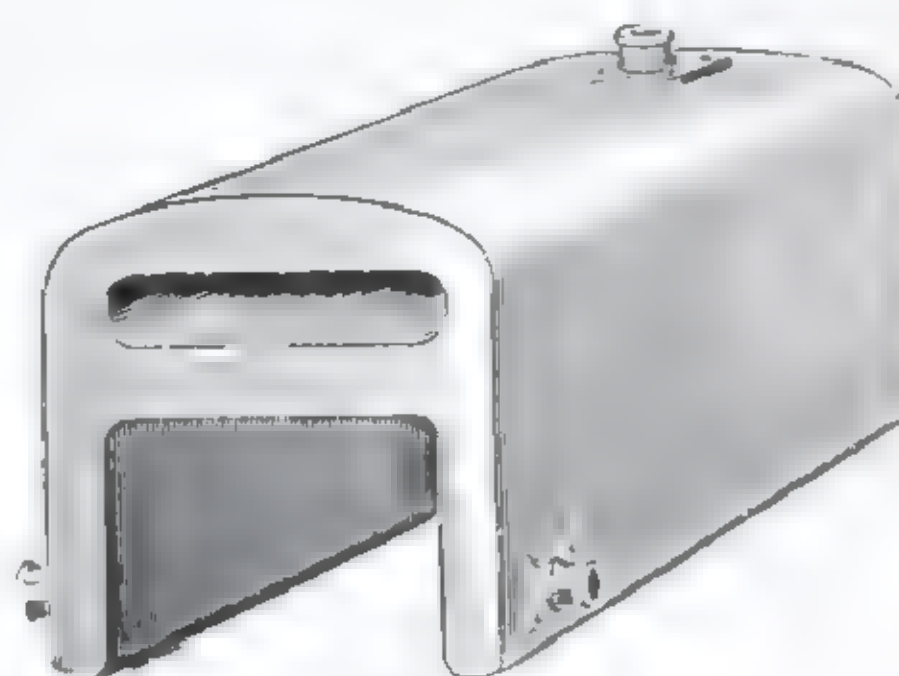
## Wrought Welded Saddle Boilers.



No. 355.



No. 356.

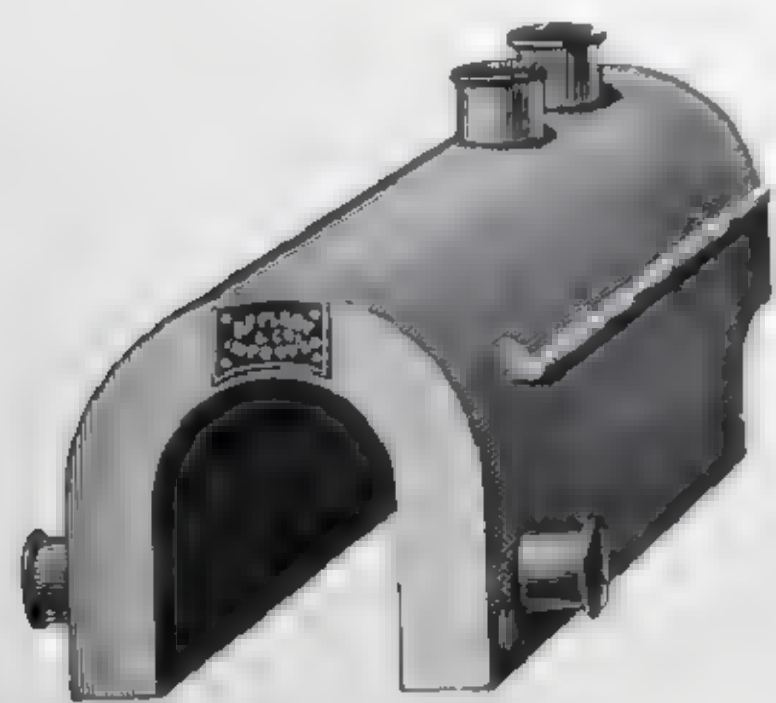


No. 357.

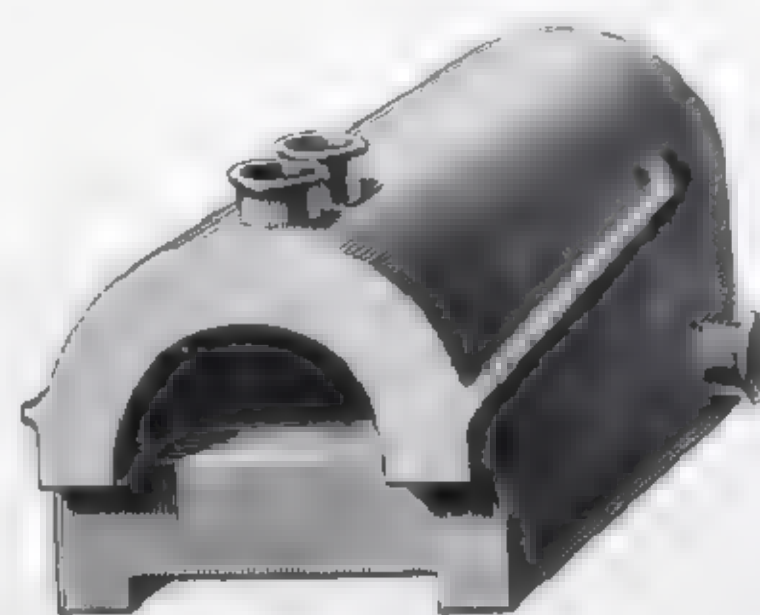
These well-known boilers are carefully tested to a heavy pressure before leaving the works. They are made of strong plates and are thoroughly reliable. We supply them plain, as No. 355 (suitable for a small apparatus up to about 300 ft. of 4-in. pipe), with a check bridge end, as No. 356; or with terminal waterway end and return flue through crown, as No. 357. Flow and return sockets of any size can be fitted in any position required. Boilers supplied in a great variety of sizes to heat from 100 ft. of 4-in. pipe upwards.

*Full particulars and prices of any sizes on application.*

## Cast Saddle Boilers.



No. 358.



No. 359.

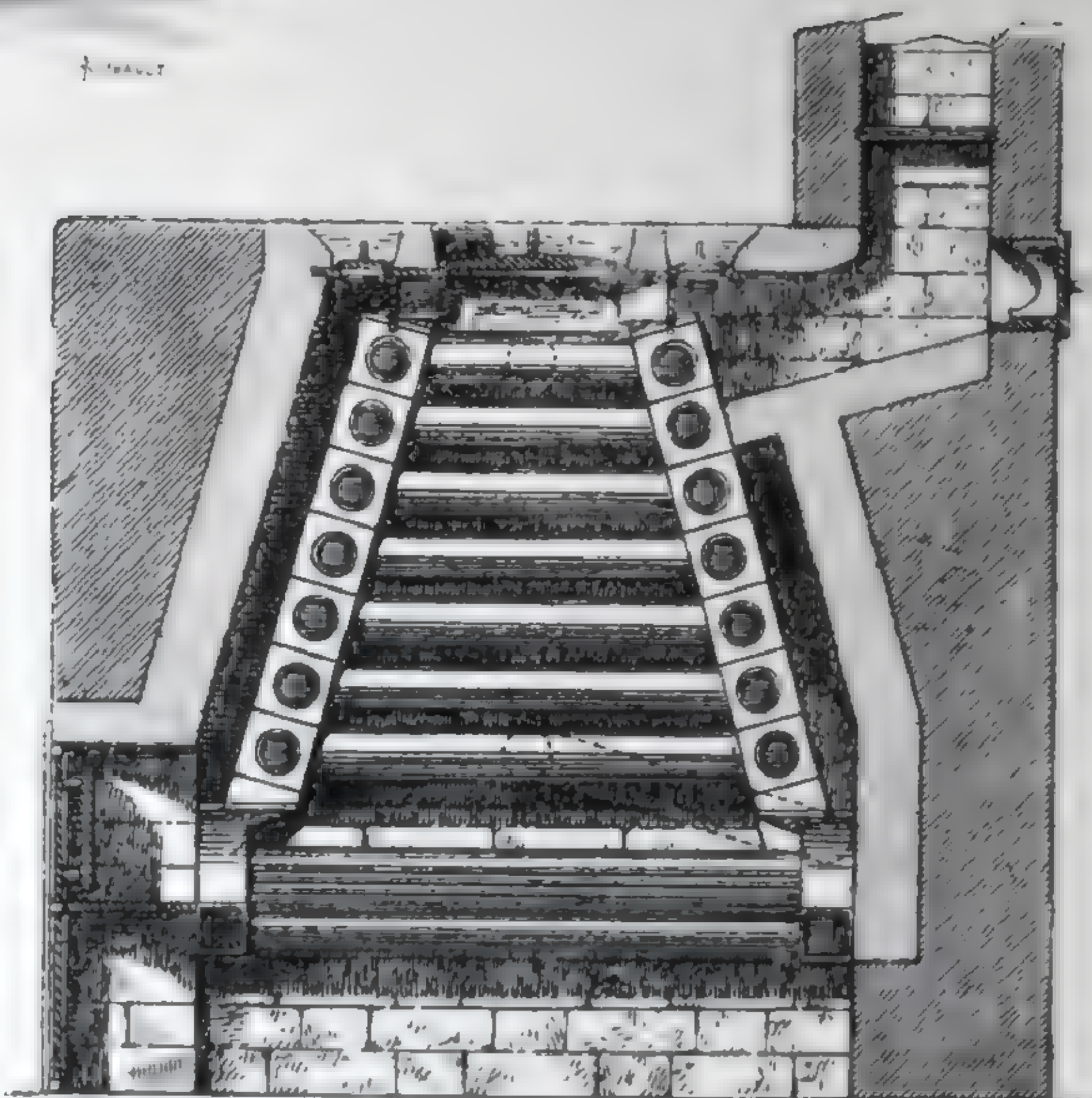
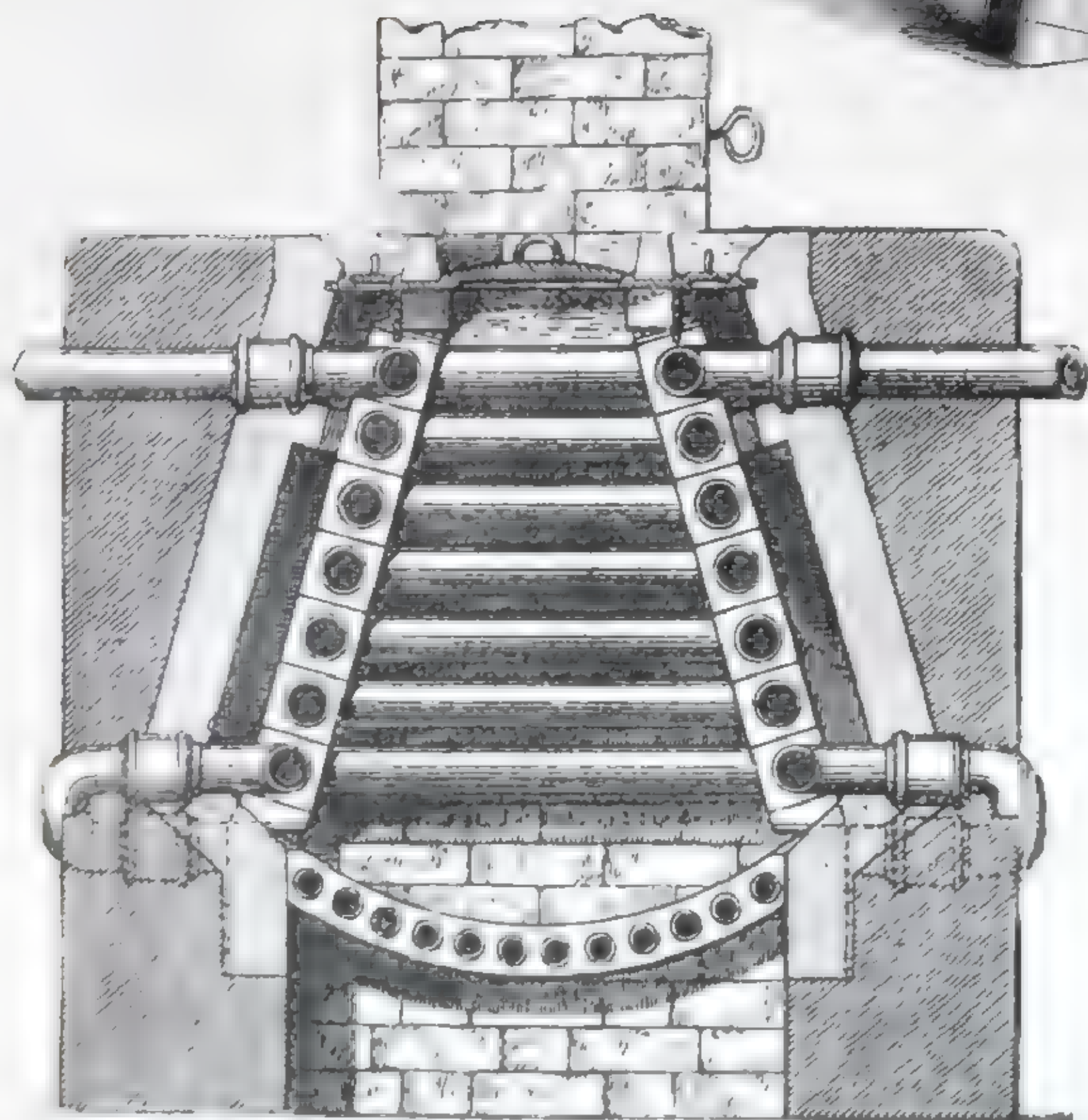
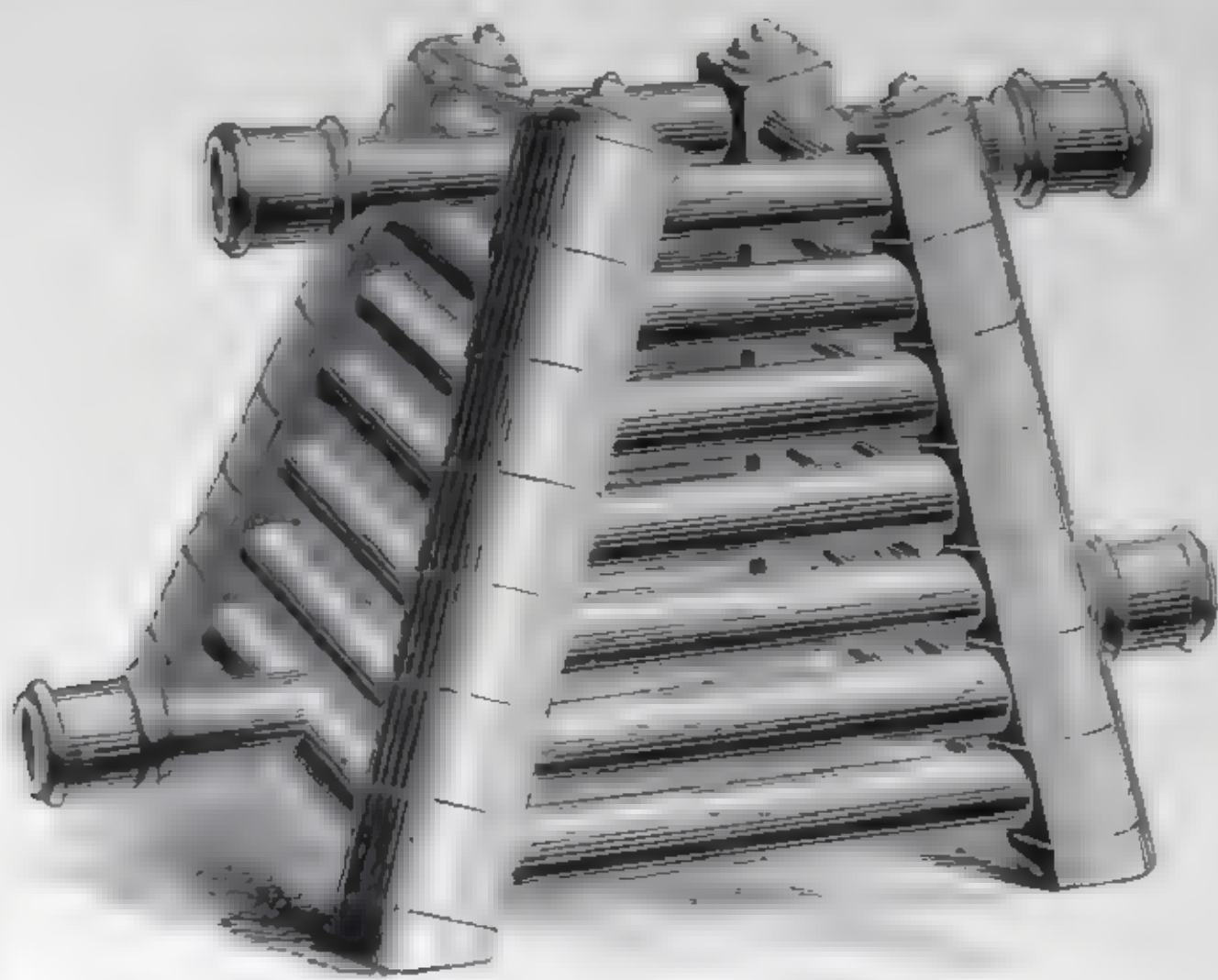
These boilers are very suitable for heating apparatus on the low pressure system, and are size for size cheaper than the wrought boilers. The No. 358 is cast with flued ends and ribs on each side to support brickwork. The No. 359 is similar, but has a tubular check draft at end. We recommend the latter in preference to the former. Both these boilers are cast with 2 in. sockets on, unless ordered otherwise; but 3 in. or 4 in. sockets can be cast on when desired.

*Full particulars and prices of any sizes on application.*

CROMPTON & FAWKES, CHELMSFORD.



# Patent Horizontal Tubular Boiler.



Sections shewing Construction of Boiler and mode of setting in Brickwork.

## A FEW OF THEIR ADVANTAGES.

Have been giving constant satisfaction for more than twenty years past.  
 Large numbers are sold all over the country.  
 Possess an enormous area of heating surface in proportion to size.  
 Are extremely easy to stoke.  
 Can be used in any position and are invariably become

Will heat a greater length of pipe with less fuel than any other boiler of the same size.  
 Require a shallower stoke hole than most boilers.  
 Are the longest to keep alight without attention.  
 Have no joints at the ends of the tubes as other tubular boilers.  
 Can be easily repaired and a ring replaced.

## PRICES AND HEATING POWER.

Boiler Length	Heating Power 4 ft. Pipes	Length 4 ft. Pipes Internally worked	Boiler Length Internally worked	Heating Power per Set.
1	200	17	4	2 10 0
2	400	25	6	3 0 0
3	600	30	8	3 13 0
4	800	35	12	5 0 0
5	1000	40	16	6 19 0
6	1200	45	20	10 5 0
7	1400	50	30	12 11 0

## UNSOLICITED TESTIMONIALS.

"The Patent Horizontal Tubular Air Boiler has answered very well. — G. HARRISON, *Royal Engineers' Office, Ditchford.*  
 "The boiler is the best I ever saw. It has been in constant use here for twenty years, and seems as good as new. — We are going to buy another along side of it. — NELSON COMPANY, *The Gardens, Theddle Grange, Alton, Hants.*  
 "We have got the Patent Horizontal Tubular Boiler fixed and well tried. I am very pleased with it both in its work and stoking. It makes no noise, and that we cannot hear our hands on them, although the arrangement of the pipes is very complicated. I never changed from one boiler to another. We have another range of boilers heated with a Saddle, which gives us a lot of trouble, and if it was anything like this I would have it replaced by one of yours. — GEO. MURRAY, *The Gardens, West Ashby, Horncastle.*

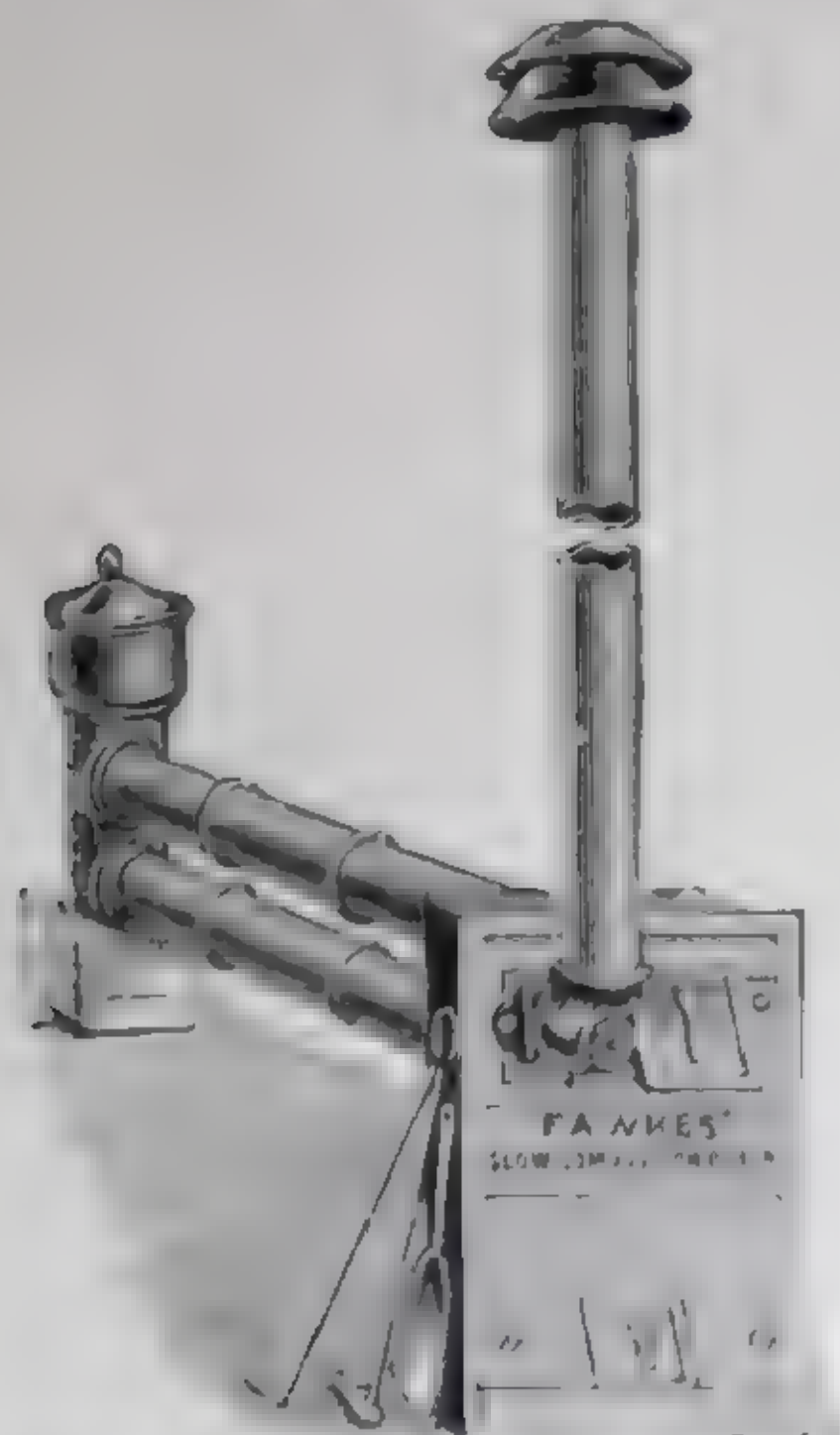
CROMPTON & FAWKES, CHELMSFORD.



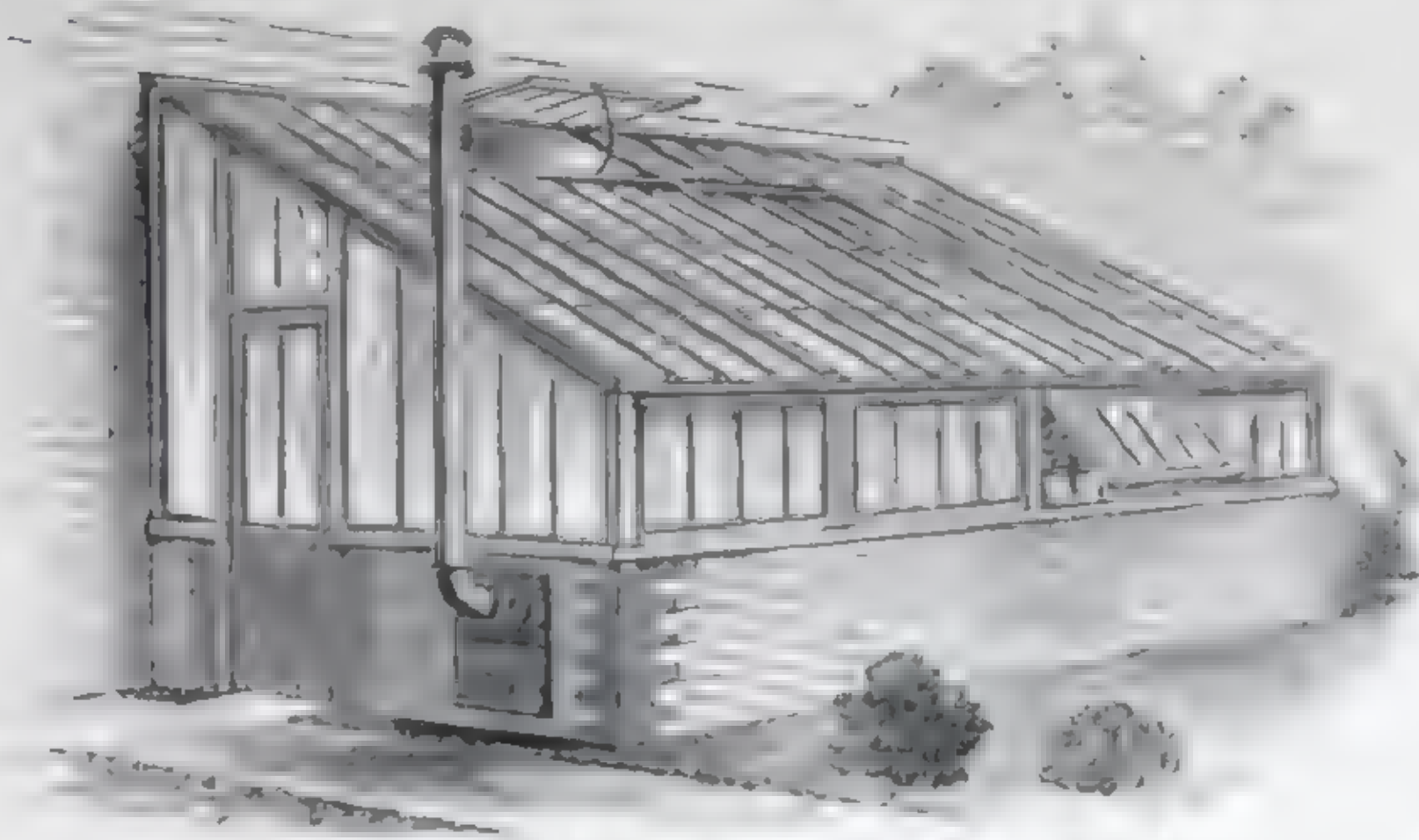
# Fawkes' Improved Slow Combustion Heating Apparatus.

The most Successful and most Perfect Hot Water Heating Apparatus Manufactured.

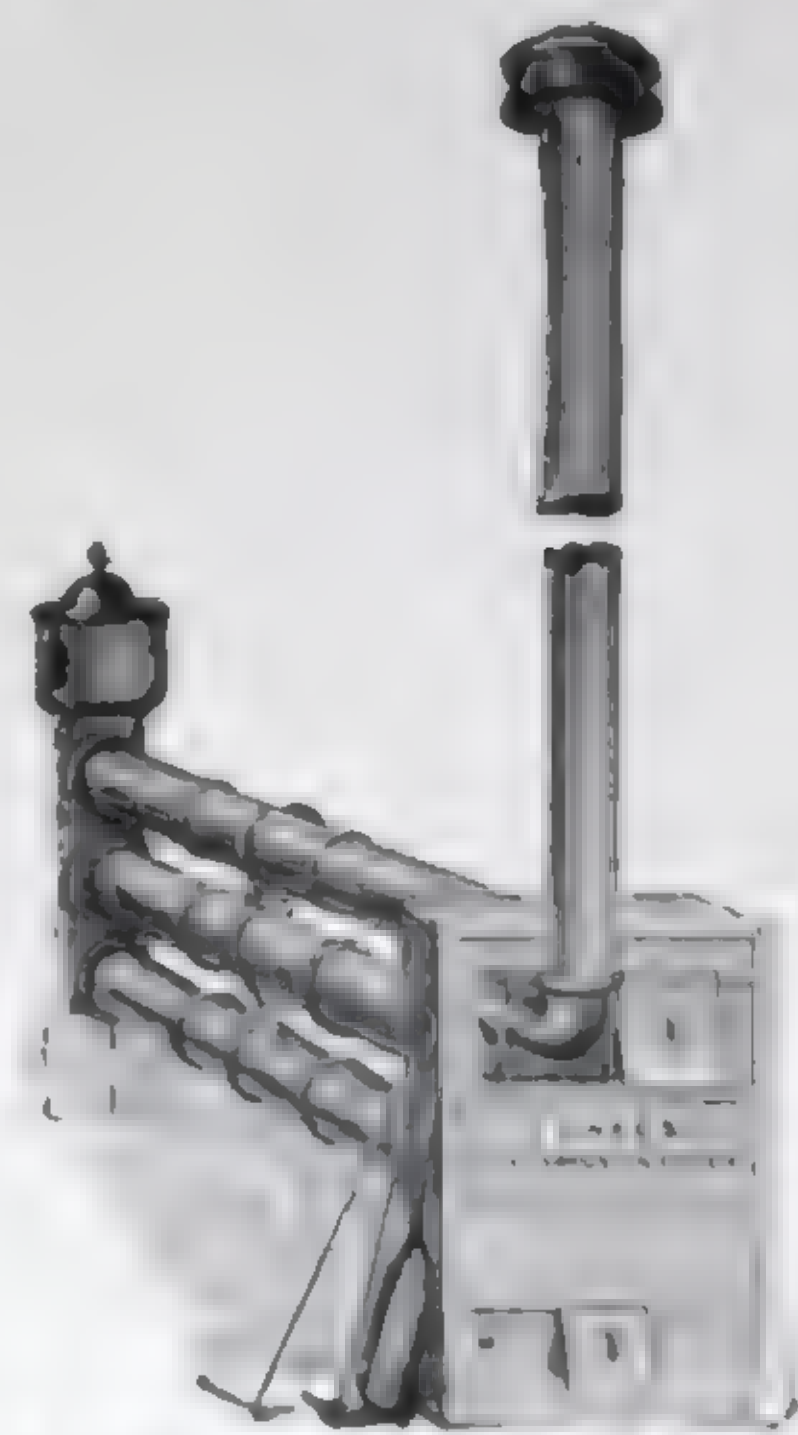
Enormous numbers in use all over the country.  
Large Sheet of Testimonials on Application.



View of Apparatus with two rows of Pipes.



View of a Greenhouse heated by the apparatus.



View of Apparatus with three rows of Pipes.

## ADVANTAGES.

Requires no hot water fitter to fix. The Boiler is simply let into the dwarf wall of the greenhouse, therefore requiring no brick stoke hole, and no brick chimney. Will last all night without attention. Will burn house coals, common dry coal, or anything for fuel. Can be managed and stoked by a domestic servant. Is a tenant's fixture, and quite portable. The mode of feeding, and stoking doors being outside the greenhouse, no fumes can injure the plants. Part of the boiler being inside the house, the heat is thereby saved, equal, with the heat given from a open fire, to about 12 to 14 ft. per sq. ft. Can be fixed in the wall, or in a greenhouse without any risk from fire. More perfect combustion, and economy than any other boiler. No draught pipes. Only Boiler on the true Slow Combustion principle, which is having a solid fire brick base and admitting the air in front of instead of underneath the fuel. Dissipation of heat from the exposed front is prevented by a fire brick lining. As an effect, a given size of Boiler can have a greater proportionate furnace capacity, and is consequently much more powerful than any other boiler of the same size.

## Plans of Various Arrangements of Pipes.



Plan A: Pipes along front.



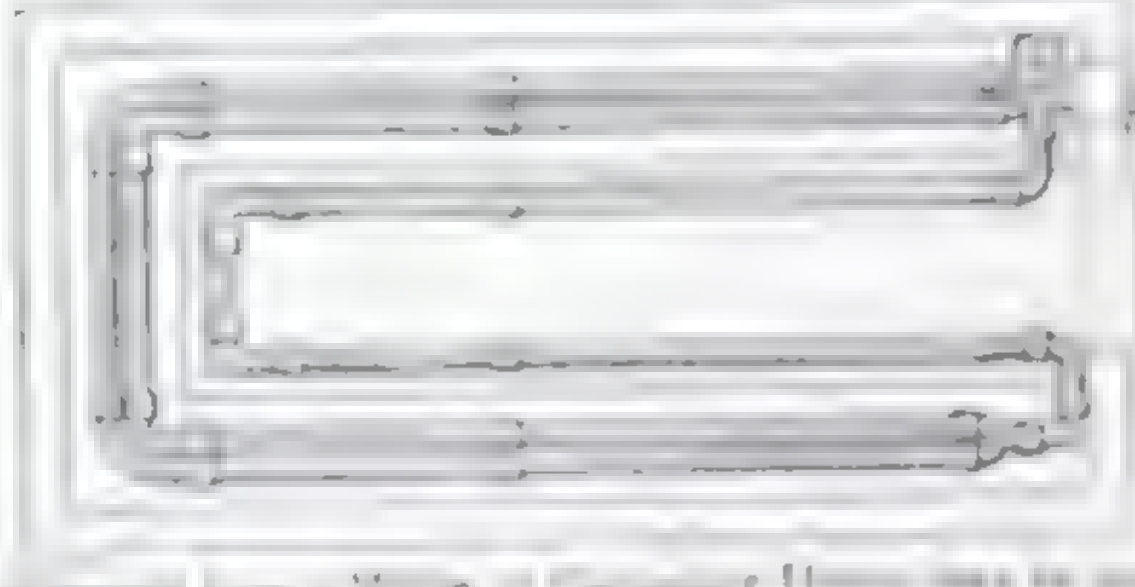
Plan B: Pipes along back and sides.



Plan C: Pipes along back and sides, with a central flue.



Plan D: Showing pipes in two houses, the heat is still further increased by H pipes and valves.



Plan E: Showing pipes in two houses, the heat is still further increased by H pipes and valves.

## PRICES OF COMPLETE APPARATUS.

Prices of a complete apparatus, consisting of Boiler, cast iron pipes, joints, valves, draught pipes, and hot water pipe, as specified, cut to sizes, along with a sheet of plans, and a large quantity of pipe clamps with bolts and nuts, when more than one length of pipe is used. The whole packed in one box and sent ready to fix without the aid of a hot water fitter. Carriage paid to any Goods Railway Station in England.

Length of Greenhouse	Length of front and back pipes	Length of side pipes	Length of draught pipes	Length of hot water pipes	Length of pipe clamps
Feet	2	2	2	2	2
8	4	12	0	5	2
10	4	15	0	5	3
15	5	18	0	6	4
20	6	20	0	8	5
25	7	22	0	9	6
30	8	24	0	10	7
35	9	26	0	12	8
40	10	28	0	13	9
50	11	32	0	15	10

\* The Prices, which include pipes, joints, valves, draught pipes, and hot water pipes, are for the apparatus as shown in the plans.

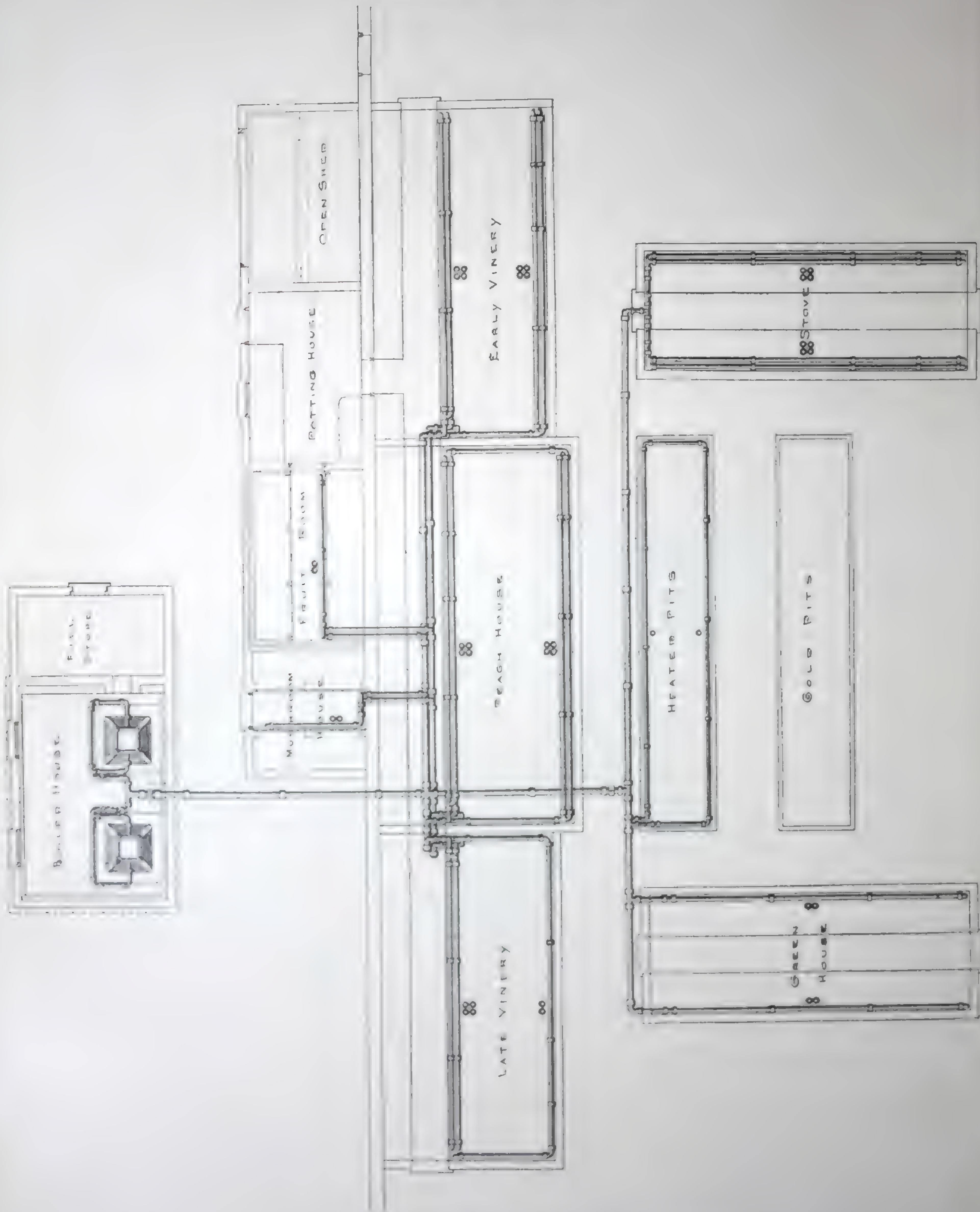
## EXTRAS RECOMMENDED.

Set of Stoking Irons 4s 6d. 9 ft. Flue Iron 2s 6d. 12 ft. Flue Iron 3s 6d. 15 ft. Flue Iron 4s 6d. 18 ft. Flue Iron 5s 6d. 21 ft. Flue Iron 6s 6d. 24 ft. Flue Iron 7s 6d. 27 ft. Flue Iron 8s 6d. 30 ft. Flue Iron 9s 6d. 33 ft. Flue Iron 10s 6d. 36 ft. Flue Iron 11s 6d. 39 ft. Flue Iron 12s 6d. 42 ft. Flue Iron 13s 6d. 45 ft. Flue Iron 14s 6d. 48 ft. Flue Iron 15s 6d. 51 ft. Flue Iron 16s 6d. 54 ft. Flue Iron 17s 6d. 57 ft. Flue Iron 18s 6d. 60 ft. Flue Iron 19s 6d. 63 ft. Flue Iron 20s 6d. 66 ft. Flue Iron 21s 6d. 69 ft. Flue Iron 22s 6d. 72 ft. Flue Iron 23s 6d. 75 ft. Flue Iron 24s 6d. 78 ft. Flue Iron 25s 6d. 81 ft. Flue Iron 26s 6d. 84 ft. Flue Iron 27s 6d. 87 ft. Flue Iron 28s 6d. 90 ft. Flue Iron 29s 6d. 93 ft. Flue Iron 30s 6d. 96 ft. Flue Iron 31s 6d. 99 ft. Flue Iron 32s 6d. 102 ft. Flue Iron 33s 6d. 105 ft. Flue Iron 34s 6d. 108 ft. Flue Iron 35s 6d. 111 ft. Flue Iron 36s 6d. 114 ft. Flue Iron 37s 6d. 117 ft. Flue Iron 38s 6d. 120 ft. Flue Iron 39s 6d. 123 ft. Flue Iron 40s 6d. 126 ft. Flue Iron 41s 6d. 129 ft. Flue Iron 42s 6d. 132 ft. Flue Iron 43s 6d. 135 ft. Flue Iron 44s 6d. 138 ft. Flue Iron 45s 6d. 141 ft. Flue Iron 46s 6d. 144 ft. Flue Iron 47s 6d. 147 ft. Flue Iron 48s 6d. 150 ft. Flue Iron 49s 6d. 153 ft. Flue Iron 50s 6d. 156 ft. Flue Iron 51s 6d. 159 ft. Flue Iron 52s 6d. 162 ft. Flue Iron 53s 6d. 165 ft. Flue Iron 54s 6d. 168 ft. Flue Iron 55s 6d. 171 ft. Flue Iron 56s 6d. 174 ft. Flue Iron 57s 6d. 177 ft. Flue Iron 58s 6d. 180 ft. Flue Iron 59s 6d. 183 ft. Flue Iron 60s 6d. 186 ft. Flue Iron 61s 6d. 189 ft. Flue Iron 62s 6d. 192 ft. Flue Iron 63s 6d. 195 ft. Flue Iron 64s 6d. 198 ft. Flue Iron 65s 6d. 201 ft. Flue Iron 66s 6d. 204 ft. Flue Iron 67s 6d. 207 ft. Flue Iron 68s 6d. 210 ft. Flue Iron 69s 6d. 213 ft. Flue Iron 70s 6d. 216 ft. Flue Iron 71s 6d. 219 ft. Flue Iron 72s 6d. 222 ft. Flue Iron 73s 6d. 225 ft. Flue Iron 74s 6d. 228 ft. Flue Iron 75s 6d. 231 ft. Flue Iron 76s 6d. 234 ft. Flue Iron 77s 6d. 237 ft. Flue Iron 78s 6d. 240 ft. Flue Iron 79s 6d. 243 ft. Flue Iron 80s 6d. 246 ft. Flue Iron 81s 6d. 249 ft. Flue Iron 82s 6d. 252 ft. Flue Iron 83s 6d. 255 ft. Flue Iron 84s 6d. 258 ft. Flue Iron 85s 6d. 261 ft. Flue Iron 86s 6d. 264 ft. Flue Iron 87s 6d. 267 ft. Flue Iron 88s 6d. 270 ft. Flue Iron 89s 6d. 273 ft. Flue Iron 90s 6d. 276 ft. Flue Iron 91s 6d. 279 ft. Flue Iron 92s 6d. 282 ft. Flue Iron 93s 6d. 285 ft. Flue Iron 94s 6d. 288 ft. Flue Iron 95s 6d. 291 ft. Flue Iron 96s 6d. 294 ft. Flue Iron 97s 6d. 297 ft. Flue Iron 98s 6d. 300 ft. Flue Iron 99s 6d. 303 ft. Flue Iron 100s 6d. 306 ft. Flue Iron 101s 6d. 309 ft. Flue Iron 102s 6d. 312 ft. Flue Iron 103s 6d. 315 ft. Flue Iron 104s 6d. 318 ft. Flue Iron 105s 6d. 321 ft. Flue Iron 106s 6d. 324 ft. Flue Iron 107s 6d. 327 ft. Flue Iron 108s 6d. 330 ft. Flue Iron 109s 6d. 333 ft. Flue Iron 110s 6d. 336 ft. Flue Iron 111s 6d. 339 ft. Flue Iron 112s 6d. 342 ft. Flue Iron 113s 6d. 345 ft. Flue Iron 114s 6d. 348 ft. Flue Iron 115s 6d. 351 ft. Flue Iron 116s 6d. 354 ft. Flue Iron 117s 6d. 357 ft. Flue Iron 118s 6d. 360 ft. Flue Iron 119s 6d. 363 ft. Flue Iron 120s 6d. 366 ft. Flue Iron 121s 6d. 369 ft. Flue Iron 122s 6d. 372 ft. Flue Iron 123s 6d. 375 ft. Flue Iron 124s 6d. 378 ft. Flue Iron 125s 6d. 381 ft. Flue Iron 126s 6d. 384 ft. Flue Iron 127s 6d. 387 ft. Flue Iron 128s 6d. 390 ft. Flue Iron 129s 6d. 393 ft. Flue Iron 130s 6d. 396 ft. Flue Iron 131s 6d. 399 ft. Flue Iron 132s 6d. 402 ft. Flue Iron 133s 6d. 405 ft. Flue Iron 134s 6d. 408 ft. Flue Iron 135s 6d. 411 ft. Flue Iron 136s 6d. 414 ft. Flue Iron 137s 6d. 417 ft. Flue Iron 138s 6d. 420 ft. Flue Iron 139s 6d. 423 ft. Flue Iron 140s 6d. 426 ft. Flue Iron 141s 6d. 429 ft. Flue Iron 142s 6d. 432 ft. Flue Iron 143s 6d. 435 ft. Flue Iron 144s 6d. 438 ft. Flue Iron 145s 6d. 441 ft. Flue Iron 146s 6d. 444 ft. Flue Iron 147s 6d. 447 ft. Flue Iron 148s 6d. 450 ft. Flue Iron 149s 6d. 453 ft. Flue Iron 150s 6d. 456 ft. Flue Iron 151s 6d. 459 ft. Flue Iron 152s 6d. 462 ft. Flue Iron 153s 6d. 465 ft. Flue Iron 154s 6d. 468 ft. Flue Iron 155s 6d. 471 ft. Flue Iron 156s 6d. 474 ft. Flue Iron 157s 6d. 477 ft. Flue Iron 158s 6d. 480 ft. Flue Iron 159s 6d. 483 ft. Flue Iron 160s 6d. 486 ft. Flue Iron 161s 6d. 489 ft. Flue Iron 162s 6d. 492 ft. Flue Iron 163s 6d. 495 ft. Flue Iron 164s 6d. 498 ft. Flue Iron 165s 6d. 501 ft. Flue Iron 166s 6d. 504 ft. Flue Iron 167s 6d. 507 ft. Flue Iron 168s 6d. 510 ft. Flue Iron 169s 6d. 513 ft. Flue Iron 170s 6d. 516 ft. Flue Iron 171s 6d. 519 ft. Flue Iron 172s 6d. 522 ft. Flue Iron 173s 6d. 525 ft. Flue Iron 174s 6d. 528 ft. Flue Iron 175s 6d. 531 ft. Flue Iron 176s 6d. 534 ft. Flue Iron 177s 6d. 537 ft. Flue Iron 178s 6d. 540 ft. Flue Iron 179s 6d. 543 ft. Flue Iron 180s 6d. 546 ft. Flue Iron 181s 6d. 549 ft. Flue Iron 182s 6d. 552 ft. Flue Iron 183s 6d. 555 ft. Flue Iron 184s 6d. 558 ft. Flue Iron 185s 6d. 561 ft. Flue Iron 186s 6d. 564 ft. Flue Iron 187s 6d. 567 ft. Flue Iron 188s 6d. 570 ft. Flue Iron 189s 6d. 573 ft. Flue Iron 190s 6d. 576 ft. Flue Iron 191s 6d. 579 ft. Flue Iron 192s 6d. 582 ft. Flue Iron 193s 6d. 585 ft. Flue Iron 194s 6d. 588 ft. Flue Iron 195s 6d. 591 ft. Flue Iron 196s 6d. 594 ft. Flue Iron 197s 6d. 597 ft. Flue Iron 198s 6d. 600 ft. Flue Iron 199s 6d. 603 ft. Flue Iron 200s 6d. 606 ft. Flue Iron 201s 6d. 609 ft. Flue Iron 202s 6d. 612 ft. Flue Iron 203s 6d. 615 ft. Flue Iron 204s 6d. 618 ft. Flue Iron 205s 6d. 621 ft. Flue Iron 206s 6d. 624 ft. Flue Iron 207s 6d. 627 ft. Flue Iron 208s 6d. 630 ft. Flue Iron 209s 6d. 633 ft. Flue Iron 210s 6d. 636 ft. Flue Iron 211s 6d. 639 ft. Flue Iron 212s 6d. 642 ft. Flue Iron 213s 6d. 645 ft. Flue Iron 214s 6d. 648 ft. Flue Iron 215s 6d. 651 ft. Flue Iron 216s 6d. 654 ft. Flue Iron 217s 6d. 657 ft. Flue Iron 218s 6d. 660 ft. Flue Iron 219s 6d. 663 ft. Flue Iron 220s 6d. 666 ft. Flue Iron 221s 6d. 669 ft. Flue Iron 222s 6d. 672 ft. Flue Iron 223s 6d. 675 ft. Flue Iron 224s 6d. 678 ft. Flue Iron 225s 6d. 681 ft. Flue Iron 226s 6d. 684 ft. Flue Iron 227s 6d. 687 ft. Flue Iron 228s 6d. 690 ft. Flue Iron 229s 6d. 693 ft. Flue Iron 230s 6d. 696 ft. Flue Iron 231s 6d. 699 ft. Flue Iron 232s 6d. 702 ft. Flue Iron 233s 6d. 705 ft. Flue Iron 234s 6d. 708 ft. Flue Iron 235s 6d. 711 ft. Flue Iron 236s 6d. 714 ft. Flue Iron 237s 6d. 717 ft. Flue Iron 238s 6d. 720 ft. Flue Iron 239s 6d. 723 ft. Flue Iron 240s 6d. 726 ft. Flue Iron 241s 6d. 729 ft. Flue Iron 242s 6d. 732 ft. Flue Iron 243s 6d. 735 ft. Flue Iron 244s 6d. 738 ft. Flue Iron 245s 6d. 741 ft. Flue Iron 246s 6d. 744 ft. Flue Iron 247s 6d. 747 ft. Flue Iron 248s 6d. 750 ft. Flue Iron 249s 6d. 753 ft. Flue Iron 250s 6d. 756 ft. Flue Iron 251s 6d. 759 ft. Flue Iron 252s 6d. 762 ft. Flue Iron 253s 6d. 765 ft. Flue Iron 254s 6d. 768 ft. Flue Iron 255s 6d. 771 ft. Flue Iron 256s 6d. 774 ft. Flue Iron 257s 6d. 777 ft. Flue Iron 258s 6d. 780 ft. Flue Iron 259s 6d. 783 ft. Flue Iron 260s 6d. 786 ft. Flue Iron 261s 6d. 789 ft. Flue Iron 262s 6d. 792 ft. 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Flue Iron 441s 6d. 1329 ft. Flue Iron 442s 6d. 1332 ft. Flue Iron 443s 6d. 1335 ft. Flue Iron 444s 6d. 1338 ft. Flue Iron 445s 6d. 1341 ft. Flue Iron 446s 6d. 1344 ft. Flue Iron 447s 6d. 1347 ft. Flue Iron 448s 6d. 1350 ft. Flue Iron 449s 6d. 1353 ft. Flue Iron 450s 6d. 1356 ft. Flue Iron 451s 6d. 1359 ft. Flue Iron 452s 6d. 1362 ft. Flue Iron 453s 6d. 1365 ft. Flue Iron 454s 6d. 1368 ft. Flue Iron 455s 6d. 1371 ft. Flue Iron 456s 6d. 1374 ft. Flue Iron 457s 6d. 1377 ft. Flue Iron 458s 6d. 1380 ft. Flue Iron 459s 6d. 1383 ft. Flue Iron 460s 6d. 1386 ft. Flue Iron 461s 6d. 1389 ft. Flue Iron 462s 6d. 1392 ft. Flue Iron 463s 6d. 1395 ft. Flue Iron 464s 6d. 1398 ft. Flue Iron 465s 6d. 1401 ft. Flue Iron 466s 6d. 1404 ft. Flue Iron 467s 6d. 1407 ft. Flue Iron 468s 6d. 1410 ft. Flue Iron 469s 6d. 1413 ft. Flue Iron 470s 6d. 1416 ft. Flue Iron 471s 6d. 1419 ft. Flue Iron 472s 6d. 1422 ft. Flue Iron 473s 6d. 1425 ft. Flue Iron 474s 6d. 1428 ft. Flue Iron 475s 6d. 1431 ft. Flue Iron 476s 6d. 1434 ft. Flue Iron 477s 6d. 1437 ft. Flue Iron 478s 6d. 1440 ft. Flue Iron 479s 6d. 1443 ft. Flue Iron 480s 6d. 1446 ft. Flue Iron 481s 6d. 1449 ft. Flue Iron 482s 6d. 1452 ft. Flue Iron 483s 6d. 1455 ft. Flue Iron 484s 6d. 1458 ft. Flue Iron 485s 6d. 1461 ft. Flue Iron 486s 6d. 1464 ft. Flue Iron 487s 6d. 1467 ft. Flue Iron 488s 6d. 1470 ft. Flue Iron 489s 6d. 1473 ft. Flue Iron 490s 6d. 1476 ft. Flue Iron 491s 6d. 1479 ft. Flue Iron 492s 6d. 1482 ft. Flue Iron 493s 6d. 1485 ft. Flue Iron 494s 6d. 1488 ft. Flue Iron 495s 6d. 1491 ft. Flue Iron 496s 6d. 1494 ft. Flue Iron 497s 6d. 1497 ft. Flue Iron 498s 6d. 1500 ft. Flue Iron 499s 6d. 1503 ft. Flue Iron 500s 6d. 1506 ft. Flue Iron 501s 6d. 1509 ft. Flue Iron 502s 6d. 1512 ft. Flue Iron 503s 6d. 1515 ft. Flue Iron 504s 6d. 1518 ft. Flue Iron 505s 6d. 1521 ft. Flue Iron 506s 6d. 1524 ft. Flue Iron 507s 6d. 1527 ft. Flue Iron 508s 6d. 1530 ft. Flue Iron 509s 6d. 1533 ft. Flue Iron 510s 6d. 1536 ft. Flue Iron 511s 6d. 1539 ft. Flue Iron 512s 6d. 1542 ft. Flue Iron 513s 6d. 1545 ft. Flue Iron 514s 6d. 1548 ft. Flue Iron 515s 6d. 1551 ft. Flue Iron 516s 6d. 1554 ft. Flue Iron 517s 6d. 1557 ft. Flue Iron 518s 6d. 1560 ft. Flue Iron 519s 6d. 1563 ft. Flue Iron 520s 6d. 1566 ft. Flue Iron 521s 6d. 1569 ft. Flue Iron 522s 6d. 1572 ft. Flue Iron 523s 6d. 1575 ft. Flue Iron 524s 6d. 1578 ft. Flue Iron 525s 6d. 1581 ft. Flue Iron 526s 6d. 1584 ft. Flue Iron 527s 6d. 1587 ft. Flue Iron 528s 6d. 1590 ft. Flue Iron 529s 6d. 1593 ft. Flue Iron 530s 6d. 1596 ft. Flue Iron 531s 6d. 1599 ft. Flue Iron 532s 6d. 1602 ft. Flue Iron 533s 6d. 1605 ft. Flue Iron 534s 6d. 1608 ft. Flue Iron 535s 6d. 1611 ft. Flue Iron 536s 6d. 1614 ft. Flue Iron 537s 6d. 1617 ft. Flue Iron 538s 6d. 1620 ft. Flue Iron 539s 6d. 1623 ft. Flue Iron 540s 6d. 1626 ft. Flue Iron 541s 6d. 1629 ft. Flue Iron 542s 6d. 1632 ft. Flue Iron 543s 6d. 1635 ft. Flue Iron 544s 6d. 1638 ft. Flue Iron 545s 6d. 1641 ft. Flue Iron 546s 6d. 1644 ft. Flue Iron 547s 6d. 1647 ft. Flue Iron 548s 6d. 1650 ft. Flue Iron 549s 6d. 1653 ft. Flue Iron 550s 6d. 1656 ft. Flue Iron 551s 6d. 1659 ft. Flue Iron 552s 6d. 1662 ft. Flue Iron 553s 6d. 1665 ft. Flue Iron 554s 6d. 1668 ft. Flue Iron 555s 6d. 1671 ft. Flue Iron 556s 6d. 1674 ft. Flue Iron 557s 6d. 1677 ft. Flue Iron 558s 6d. 1680 ft. Flue Iron 559s 6d. 1683 ft. Flue Iron 560s



# Plan of Heating Apparatus.

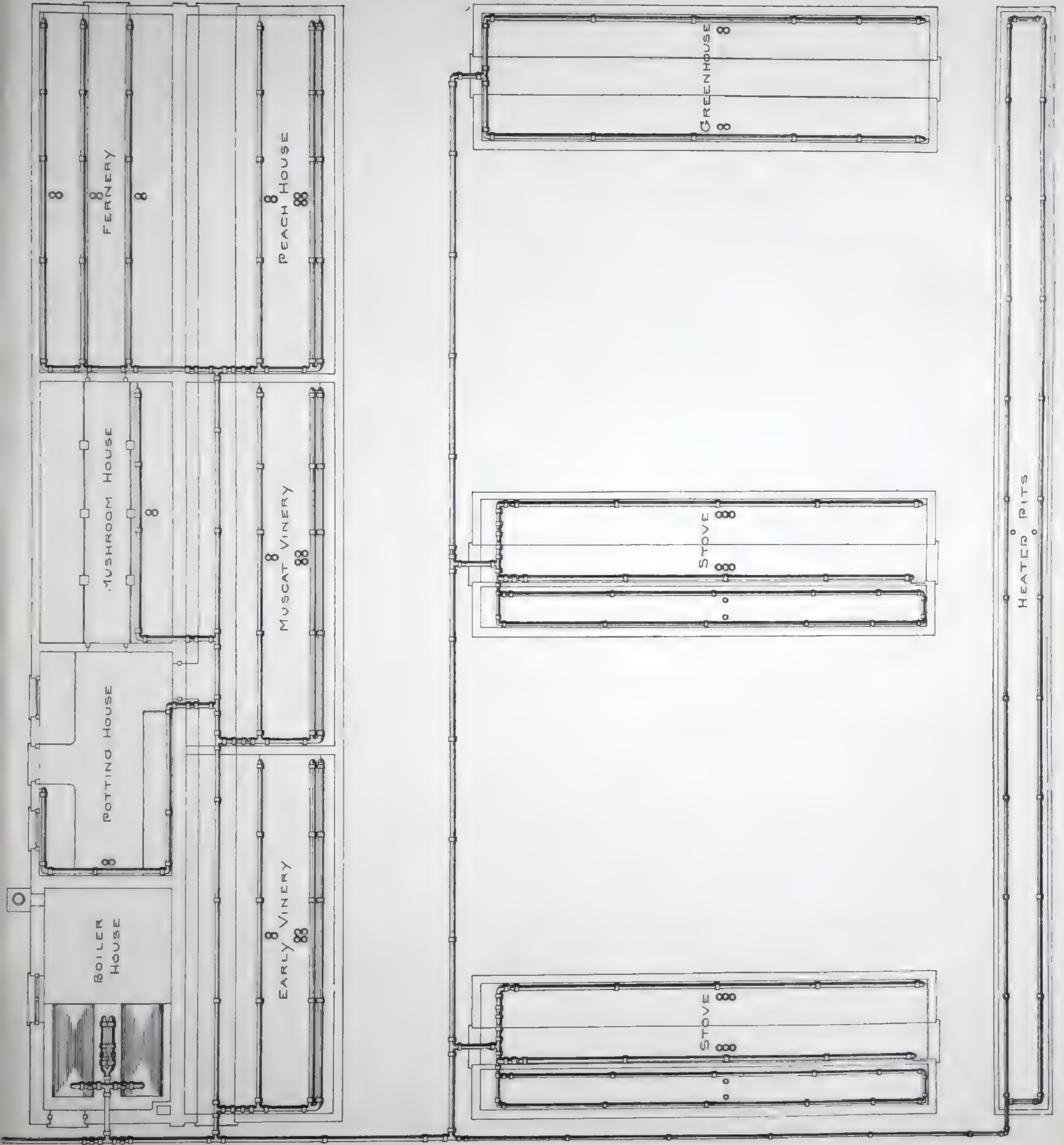
With Coupled Boilers, Mains, Radiating Pipes, &c, designed and carried out by us for  
J. H. BRIDGES, Esq., Ewell Court, Ewell.





# Plan of Heating Apparatus.

With coupled Tientham Cornish Boilers, designed and carried out by us for  
W. CHRISTIE-MILLER, Esq., Britwell Court, Maidenhead.





## Improved "Universal" Range No. 301.



*As constructed for G. C. Keller, Esq., Tadley, Basingstoke; E. Rosting, Esq., Melbourne, Chelmsford, and many other clients.*

This range combines practical utility with a pleasing appearance, at as low a price as is consistent with well-seasoned materials and first-class workmanship. It may be used as two vineries and a plant-house; or vinery, peach-house, and stove; or vinery, melon-house, and greenhouse; or stove, greenhouse, and vinery; or cucumber-house, stove, and greenhouse; or peach-house, cucumber-house, and stove; or fernery, plant-house, and orchid-house; or as various other combinations.

As shown in the photograph, the range is 45 ft. long, consisting of a central three-quarter span-house, 15 ft. long by 12 ft. wide, by 6 ft. high at front, and two side lean-to's, each 15 ft. long by 10 ft. wide, and 5 ft. high at front, the brick wall at back being about 10 ft. high. The dwarf walls are supposed to be of a uniform height of 2 ft. 6 in.

The price of this range, constructed of the best seasoned red deal, top lights hinged to ridge, front lights hinged to plate, the whole opening separately by proper set opens; 2 partitions, 2 glass ends, 5 doors with locks and furniture to outer doors, keys to pass latches to inner doors, ornamental ridge and finials, dormer entrance, 16-oz. English sheet glass, framework painted priming coat, cast-iron moulded eaves—gutters and down pipes as far as ground line, the whole packed and delivered free to any Goods Railway Station in England, £49 17s. 6d.

If 21-oz. glass instead of 16-oz. (extra ... .. £4 os. od.

Range similar to above, but 30 ft. long, centre house 10 ft. long by 10 ft. wide, side houses each 10 ft. long by 8 ft. wide, back wall uniform height of 9 ft., with 16-oz. glass... .. £34 os. od.

If 21-oz. glass instead of 16-oz. (extra ... .. £2 10s. od.

Cases extra, but full price allowed on being returned carriage paid.

The prices of other sizes and combinations, also of fixing, staging, and heating on application.

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